

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: November 2, 2004, 10:31:41 ; Search time 110 Seconds  
(without alignments)  
3.659 Million cell updates/sec

Title: US-10-633-913-3  
Perfect score: 5444  
Sequence: 1 gccccagggcctcgagaggtc.....aggaataagaagttacttacc 5444

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 0.5

Searched: 1819 seqs, 3696 residues

Total number of hits satisfying chosen parameters: 3638

Minimum DB seq length: 8  
Maximum DB seq length: 50

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1832 summaries

Database : rnpb3.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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C 107	20	0.4	20	1	US-10-633-913-33	Sequence 33, Appl	C 180	18.4	0.3	26	1	US-09-922-480-6	Sequence 6, Appl
C 108	20	0.4	20	1	US-10-633-913-34	Sequence 34, Appl	C 181	18.4	0.3	26	1	US-09-923-236-6	Sequence 6, Appl
C 109	20	0.4	20	1	US-10-633-913-35	Sequence 35, Appl	C 182	18.4	0.3	26	1	US-09-922-469-6	Sequence 6, Appl
C 110	20	0.4	20	1	US-10-633-913-36	Sequence 36, Appl	C 183	18.4	0.3	26	1	US-10-039-876A-10	Sequence 10, Appl
C 111	20	0.4	20	1	US-10-633-913-37	Sequence 37, Appl	C 184	18.4	0.3	26	1	US-10-196-703-43	Sequence 43, Appl
C 112	20	0.4	20	1	US-10-633-913-38	Sequence 38, Appl	C 185	18.4	0.3	26	1	US-10-352-253A-36	Sequence 36, Appl
C 113	20	0.4	20	1	US-10-633-913-39	Sequence 39, Appl	C 186	18.4	0.3	26	1	US-10-224-289-20	Sequence 20, Appl
C 114	20	0.4	20	1	US-10-633-913-40	Sequence 40, Appl	C 187	18.2	0.3	24	1	US-09-732-067-1	Sequence 1, Appl
C 115	20	0.4	20	1	US-10-633-913-41	Sequence 41, Appl	C 188	18.2	0.3	24	1	US-09-920-342-12	Sequence 12, Appl
C 116	20	0.4	20	1	US-10-633-913-42	Sequence 42, Appl	C 189	18.2	0.3	24	1	US-09-920-143-148	Sequence 148, App
C 117	20	0.4	20	1	US-10-633-913-43	Sequence 43, Appl	C 190	18.2	0.3	24	1	US-09-949-305B-6	Sequence 6, Appl
C 118	20	0.4	20	1	US-10-633-913-44	Sequence 44, Appl	C 191	18.2	0.3	24	1	US-09-888-326-841	Sequence 841, App
C 119	20	0.4	20	1	US-10-633-913-45	Sequence 45, Appl	C 192	18.2	0.3	24	1	US-09-776-479-433	Sequence 433, App
C 120	20	0.4	20	1	US-10-633-913-46	Sequence 46, Appl	C 193	18.2	0.3	24	1	US-09-776-479-933	Sequence 933, App
C 121	20	0.4	20	1	US-10-633-913-47	Sequence 47, Appl	C 194	18.2	0.3	24	1	US-09-776-479-961	Sequence 961, App
C 122	20	0.4	20	1	US-10-633-913-48	Sequence 48, Appl	C 195	18.2	0.3	24	1	US-09-776-479-962	Sequence 962, App
C 123	20	0.4	20	1	US-10-633-913-49	Sequence 49, Appl	C 196	18.2	0.3	24	1	US-09-776-479-962	Sequence 962, App
C 124	20	0.4	20	1	US-10-633-913-50	Sequence 50, Appl	C 197	18.2	0.3	24	1	US-09-732-047B-1	Sequence 1, Appl
C 125	20	0.4	20	1	US-10-633-913-51	Sequence 51, Appl	C 198	18.2	0.3	24	1	US-10-043-415-4	Sequence 4, Appl
C 126	20	0.4	20	1	US-10-633-913-52	Sequence 52, Appl	C 199	18.2	0.3	24	1	US-10-112-653-115	Sequence 415, App
C 127	20	0.4	20	1	US-10-633-913-53	Sequence 53, Appl	C 200	18.2	0.3	24	1	US-10-112-653-919	Sequence 919, App
C 128	20	0.4	20	1	US-10-633-913-54	Sequence 54, Appl	C 201	18.2	0.3	24	1	US-10-112-653-920	Sequence 920, App
C 129	20	0.4	20	1	US-10-633-913-55	Sequence 55, Appl	C 202	18.2	0.3	24	1	US-10-017-995-433	Sequence 433, App
C 130	20	0.4	20	1	US-10-633-913-56	Sequence 56, Appl	C 203	18.2	0.3	24	1	US-10-017-995-961	Sequence 961, App
C 131	20	0.4	20	1	US-10-633-913-57	Sequence 57, Appl	C 204	18.2	0.3	24	1	US-10-017-995-962	Sequence 962, App
C 132	20	0.4	20	1	US-10-633-913-58	Sequence 58, Appl	C 205	18.2	0.3	24	1	US-10-058-513-39	Sequence 39, Appl
C 133	20	0.4	20	1	US-10-633-913-59	Sequence 59, Appl	C 206	18.2	0.3	24	1	US-10-272-502A-2	Sequence 2, Appl
C 134	20	0.4	20	1	US-10-633-913-60	Sequence 60, Appl	C 207	18.2	0.3	24	1	US-10-224-523-53	Sequence 53, Appl
C 135	20	0.4	20	1	US-10-633-913-61	Sequence 61, Appl	C 208	18.2	0.3	24	1	US-10-331-780-6	Sequence 6, Appl
C 136	20	0.4	20	1	US-10-633-913-62	Sequence 62, Appl	C 209	18.2	0.3	24	1	US-10-389-665-4	Sequence 4, Appl
C 137	20	0.4	20	1	US-10-633-913-63	Sequence 63, Appl	C 210	18.2	0.3	24	1	US-10-314-578-33	Sequence 33, App
C 138	20	0.4	20	1	US-10-633-913-64	Sequence 64, Appl	C 211	18.2	0.3	24	1	US-10-314-578-961	Sequence 961, App
C 139	20	0.4	20	1	US-10-633-913-65	Sequence 65, Appl	C 212	18.2	0.3	24	1	US-10-314-578-962	Sequence 962, App
C 140	20	0.4	20	1	US-10-633-913-66	Sequence 66, Appl	C 213	18.2	0.3	24	1	US-10-309-775A-19	Sequence 19, Appl
C 141	20	0.4	20	1	US-10-633-913-67	Sequence 67, Appl	C 214	18.2	0.3	24	1	US-10-309-775A-24	Sequence 24, Appl
C 142	20	0.4	20	1	US-10-633-913-68	Sequence 68, Appl	C 215	18.2	0.3	24	1	US-10-360-511-14	Sequence 14, Appl
C 143	20	0.4	20	1	US-10-633-913-69	Sequence 69, Appl	C 216	18.2	0.3	24	1	US-10-058-270A-140	Sequence 140, App
C 144	19.8	0.4	25	1	US-10-098-263B-128640	Sequence 128640,	C 217	18.2	0.3	24	1	US-10-671-628-10	Sequence 106, App
C 145	19.8	0.4	25	1	US-10-085-906-144	Sequence 144, Appl	C 218	18.2	0.3	24	1	US-10-062-188-106	Sequence 106, App
C 146	19.6	0.4	28	1	US-09-883-119A-34	Sequence 34, Appl	C 219	18.2	0.3	24	1	US-10-374-307-13	Sequence 13, Appl
C 147	19.2	0.4	24	1	US-10-216-122-151	Sequence 151, App	C 220	18.2	0.3	24	1	US-10-374-307-16	Sequence 16, Appl
C 148	19.2	0.4	26	1	US-09-922-480-7	Sequence 7, Appl	C 221	18.2	0.3	25	1	US-09-282-734-23	Sequence 23, Appl
C 149	19.2	0.4	26	1	US-09-923-236-7	Sequence 7, Appl	C 222	18.2	0.3	25	1	US-09-730-478A-8	Sequence 8, Appl
C 150	19.2	0.4	26	1	US-09-923-246-38	Sequence 38, Appl	C 223	18.2	0.3	25	1	US-10-060-756A-2119	Sequence 2119, Ap
C 151	19.2	0.4	26	1	US-09-922-469-7	Sequence 7, Appl	C 224	18.2	0.3	25	1	US-10-060-756A-2120	Sequence 2120, Ap
C 152	19.2	0.4	26	1	US-10-295-723-38	Sequence 38, Appl	C 225	18.2	0.3	25	1	US-10-098-263B-128639	Sequence 128639,
C 153	19.2	0.4	26	1	US-10-275-071-19	Sequence 19, Appl	C 226	18.2	0.3	25	1	US-10-348-627-23	Sequence 23, Appl
C 154	19.2	0.4	26	1	US-10-633-684-38	Sequence 38, Appl	C 227	18.2	0.3	25	1	US-10-224-289-11	Sequence 11, Appl
C 155	19.2	0.3	21	1	US-10-184-085A-165	Sequence 165, App	C 228	18.2	0.3	25	1	US-10-239-655A-9	Sequence 9, Appl
C 156	19.2	0.3	27	1	US-09-888-326-842	Sequence 842, App	C 229	18.2	0.3	26	1	US-09-099-823-14	Sequence 14, Appl
C 157	19.2	0.3	27	1	US-09-776-479-911	Sequence 911, App	C 230	18.2	0.3	26	1	US-09-923-246-39	Sequence 39, Appl
C 158	19.2	0.3	27	1	US-09-776-479-911	Sequence 911, App	C 231	18.2	0.3	26	1	US-09-920-342-3	Sequence 3, Appl
C 159	19.2	0.3	27	1	US-10-112-653-880	Sequence 880, App	C 232	18.2	0.3	26	1	US-09-092-296-10	Sequence 10, Appl
C 160	19.2	0.3	27	1	US-10-017-995-911	Sequence 911, App	C 233	18.2	0.3	26	1	US-09-949-305B-4	Sequence 4, Appl
C 161	19.2	0.3	27	1	US-10-314-578-911	Sequence 911, App	C 234	18.2	0.3	26	1	US-10-053-883-53	Sequence 53, Appl
C 162	19.2	0.3	27	1	US-10-407-818-3	Sequence 3, Appl	C 235	18.2	0.3	26	1	US-10-295-723-39	Sequence 39, Appl
C 163	18.8	0.3	22	1	US-09-750-401-17	Sequence 17, Appl	C 236	18.2	0.3	26	1	US-10-659-684-39	Sequence 39, Appl
C 164	18.8	0.3	22	1	US-09-750-401-19	Sequence 19, Appl	C 237	18.2	0.3	26	1	US-10-139-199-70	Sequence 70, Appl
C 165	18.8	0.3	22	1	US-10-309-788-17	Sequence 17, Appl	C 238	18.2	0.3	20	1	US-10-139-199-135	Sequence 135, App
C 166	18.8	0.3	22	1	US-10-309-788-19	Sequence 19, Appl	C 239	18.2	0.3	20	1	US-10-184-085A-865	Sequence 865, App
C 167	18.8	0.3	22	1	US-10-238-306B-17	Sequence 17, Appl	C 240	18.2	0.3	21	1	US-10-112-653-577	Sequence 577, App
C 168	18.8	0.3	22	1	US-10-238-306B-19	Sequence 19, Appl	C 241	17.8	0.3	22	1	US-10-063-959-807	Sequence 807, App
C 169	18.8	0.3	22	1	US-10-629-453-17	Sequence 17, Appl	C 242	17.8	0.3	22	1	US-10-314-578-908	Sequence 908, App
C 170	18.8	0.3	22	1	US-10-629-453-19	Sequence 19, Appl	C 243	17.8	0.3	22	1	US-10-188-248-176	Sequence 176, App
C 171	18.8	0.3	22	1	US-09-997-931-5	Sequence 5, Appl	C 244	17.8	0.3	22	1	US-09-776-479-908	Sequence 908, App
C 172	18.6	0.3	25	1	US-09-866-108-13291	Sequence 13291, A	C 245	17.8	0.3	22	1	US-09-776-479-908	Sequence 908, App
C 173	18.6	0.3	25	1	US-09-827-998-1153	Sequence 1153, Ap	C 246	17.8	0.3	22	1	US-10-112-653-577	Sequence 577, App
C 174	18.6	0.3	25	1	US-10-060-756A-2118	Sequence 2118, Ap	C 247	17.8	0.3	22	1	US-10-017-995-908	Sequence 908, App
C 175	18.6	0.3	25	1	US-10-675-685-1153	Sequence 1153, Ap	C 248	17.8	0.3	22	1	US-10-314-578-908	Sequence 908, App
C 176	18.6	0.3	25	1	US-10-723-361-13291	Sequence 13291, A	C 249	17.8	0.3	22	1	US-10-188-248-176	Sequence 176, App
C 177	18.4	0.3	20	1	US-09-956-712-74	Sequence 74, Appl	C 250	17.8	0.3	22	1	US-10-766-590-4	Sequence 4, Appl
C 178	18.4	0.3	20	1	US-10-633-913-74	Sequence 74, Appl	C 251	17.8	0.3	22	1	US-10-374-307-8	Sequence 8, Appl
C 179	18.4	0.3	24	1	US-10-344-741-21	Sequence 21, Appl	C 252	17.8	0.3	24	1	US-10-374-307-11	Sequence 11, Appl

C 253	17.8	0.3	25	1	US-10-215-112-10652	Sequence 10652, A	C 326	16.8	0.3	22	1	US-10-320-893-3	Sequence 3, App1
C 254	17.8	0.3	25	1	US-10-480-013-2	Sequence 2, App1	C 327	16.8	0.3	24	1	US-10-320-893-8	Sequence 8, App1
C 255	17.8	0.3	25	1	US-10-775-169-1124	Sequence 1124, Ap	C 328	16.4	0.3	18	1	US-09-263-959-515	Sequence 515, App
C 256	17.8	0.3	50	1	US-10-131-827-502	Sequence 502, App	C 329	16.4	0.3	18	1	US-09-263-959-873	Sequence 873, App
C 257	17.6	0.3	21	1	US-10-270-839-76	Sequence 76, App1	C 330	16.4	0.3	18	1	US-10-011-204-3	Sequence 3, App1
C 258	17.6	0.3	24	1	US-09-915-152-9	Sequence 9, App1	C 331	16.4	0.3	18	1	US-10-011-204-3	Sequence 3, App1
C 259	17.6	0.3	24	1	US-09-405-032-21	Sequence 21, App1	C 332	16.4	0.3	18	1	US-10-077-383-31	Sequence 31, App1
C 260	17.6	0.3	24	1	US-10-309-775A-20	Sequence 20, App1	C 333	16.4	0.3	18	1	US-10-027-633-178630	Sequence 32, App1
C 261	17.6	0.3	24	1	US-10-309-775A-21	Sequence 21, App1	C 334	16.4	0.3	19	1	US-10-027-633-178630	Sequence 178630,
C 262	17.6	0.3	24	1	US-10-309-775A-22	Sequence 22, App1	C 335	16.4	0.3	19	1	US-10-027-633-178630	Sequence 178630,
C 263	17.6	0.3	24	1	US-10-766-118-9	Sequence 9, App1	C 336	16.4	0.3	19	1	US-10-027-633-178630	Sequence 178630,
C 264	17.6	0.3	25	1	US-09-866-108-4831	Sequence 4831, Ap	C 337	16.4	0.3	19	1	US-10-027-633-178630	Sequence 178630,
C 265	17.6	0.3	25	1	US-09-866-108-4832	Sequence 4832, Ap	C 338	16.4	0.3	19	1	US-10-027-633-178630	Sequence 178630,
C 266	17.6	0.3	25	1	US-09-866-108-12949	Sequence 12949, A	C 339	16.4	0.3	20	1	US-09-752-639-40	Sequence 40, App1
C 267	17.6	0.3	25	1	US-09-866-108-12950	Sequence 12950, A	C 340	16.4	0.3	20	1	US-09-984-199-40	Sequence 40, App1
C 268	17.6	0.3	25	1	US-09-866-108-13290	Sequence 13290, A	C 341	16.4	0.3	20	1	US-10-289-765-4847	Sequence 4847, Ap
C 269	17.6	0.3	25	1	US-09-866-108-13292	Sequence 13292, A	C 342	16.4	0.3	20	1	US-10-210-479-33	Sequence 33, App1
C 270	17.6	0.3	25	1	US-09-827-998-1152	Sequence 1152, Ap	C 343	16.4	0.3	20	1	US-10-210-479-101	Sequence 101, App
C 271	17.6	0.3	25	1	US-09-827-998-1154	Sequence 1154, Ap	C 344	16.4	0.3	20	1	US-10-380-124-65	Sequence 65, App1
C 272	17.6	0.3	25	1	US-09-751-100B-103	Sequence 103, App	C 345	16.4	0.3	20	1	US-10-299-312-14	Sequence 14, App1
C 273	17.6	0.3	25	1	US-10-060-756A-2117	Sequence 2117, Ap	C 346	16.4	0.3	20	1	US-10-299-312-52	Sequence 52, App1
C 274	17.6	0.3	25	1	US-10-215-112-3462	Sequence 3462, Ap	C 347	16.4	0.3	21	1	US-10-184-085A-166	Sequence 166, App
C 275	17.6	0.3	25	1	US-10-098-263B-40793	Sequence 40793, A	C 348	16.4	0.3	21	1	US-10-184-085A-234	Sequence 234, App
C 276	17.6	0.3	25	1	US-10-098-263B-121043	Sequence 121043, A	C 349	16.4	0.3	21	1	US-10-184-085A-827	Sequence 827, App
C 277	17.6	0.3	25	1	US-10-098-263B-127078	Sequence 127078, A	C 350	16.4	0.3	21	1	US-10-184-085A-828	Sequence 828, App
C 278	17.6	0.3	25	1	US-10-098-263B-128314	Sequence 128314, A	C 351	16.4	0.3	21	1	US-10-184-085A-866	Sequence 866, App
C 279	17.6	0.3	25	1	US-10-675-685-1152	Sequence 1152, Ap	C 352	16.4	0.3	21	1	US-10-184-085A-901	Sequence 901, App
C 280	17.6	0.3	25	1	US-10-675-685-1154	Sequence 1154, Ap	C 353	16.4	0.3	21	1	US-10-184-085A-937	Sequence 937, App
C 281	17.6	0.3	25	1	US-10-723-361-4831	Sequence 4831, Ap	C 354	16.4	0.3	21	1	US-09-888-326-840	Sequence 840, App
C 282	17.6	0.3	25	1	US-10-723-361-4832	Sequence 4832, Ap	C 355	16.2	0.3	21	1	US-09-912-014-2	Sequence 2, App1
C 283	17.6	0.3	25	1	US-10-723-361-12949	Sequence 12949, A	C 356	16.2	0.3	21	1	US-09-776-479-912	Sequence 912, App
C 284	17.6	0.3	25	1	US-10-723-361-12950	Sequence 12950, A	C 357	16.2	0.3	21	1	US-09-776-479-912	Sequence 912, App
C 285	17.6	0.3	25	1	US-10-723-361-13290	Sequence 13290, A	C 358	16.2	0.3	21	1	US-10-112-653-881	Sequence 881, App
C 286	17.6	0.3	25	1	US-10-723-361-13292	Sequence 13292, A	C 359	16.2	0.3	21	1	US-10-017-995-912	Sequence 912, App
C 287	17.4	0.3	19	1	US-10-349-143-3847	Sequence 3847, Ap	C 360	16.2	0.3	21	1	US-10-017-995-912	Sequence 912, App
C 288	17.4	0.3	20	1	US-10-116-949-38	Sequence 38, App1	C 361	16.2	0.3	21	1	US-10-206-839-108	Sequence 108, App
C 289	17.4	0.3	20	1	US-10-077-383-29	Sequence 29, App1	C 362	16.2	0.3	21	1	US-10-184-085A-247	Sequence 247, App
C 290	17.4	0.3	20	1	US-10-276-491-3	Sequence 3, App1	C 363	16.2	0.3	21	1	US-10-371-066-2	Sequence 2, App1
C 291	17.4	0.3	20	1	US-10-280-183A-440	Sequence 440, App	C 364	16.2	0.3	21	1	US-10-170-112-2	Sequence 2, App1
C 292	17.4	0.3	20	1	US-10-280-183A-462	Sequence 462, App	C 365	16.2	0.3	21	1	US-10-144-179A-41	Sequence 41, App1
C 293	17.4	0.3	20	1	US-10-661-088-17	Sequence 17, App1	C 366	16.2	0.3	21	1	US-10-314-578-912	Sequence 912, App
C 294	17.4	0.3	20	1	US-10-661-088-18	Sequence 18, App1	C 367	16.2	0.3	21	1	US-10-418-162-106	Sequence 106, App
C 295	17.4	0.3	20	1	US-10-661-097-17	Sequence 17, App1	C 368	16.2	0.3	21	1	US-10-349-143-10355	Sequence 10355, A
C 296	17.4	0.3	20	1	US-10-661-097-18	Sequence 18, App1	C 369	16.2	0.3	21	1	US-10-410-031-189	Sequence 189, App
C 297	17.4	0.3	20	1	US-10-661-355-17	Sequence 17, App1	C 370	16.2	0.3	21	1	US-10-435-489-41	Sequence 41, App1
C 298	17.4	0.3	20	1	US-10-661-355-18	Sequence 18, App1	C 371	16.2	0.3	21	1	US-10-278-760-2	Sequence 2, App1
C 299	17.4	0.3	20	1	US-10-661-099-17	Sequence 17, App1	C 372	16.2	0.3	21	1	US-10-786-720-11734	Sequence 11734, A
C 300	17.4	0.3	20	1	US-10-661-099-18	Sequence 18, App1	C 373	16.2	0.3	21	1	US-10-786-720-11735	Sequence 11735, A
C 301	17.4	0.3	21	1	US-10-184-085A-201	Sequence 201, App	C 374	16.2	0.3	21	1	US-10-786-720-11736	Sequence 11736, A
C 302	17.4	0.3	21	1	US-10-184-085A-235	Sequence 235, App	C 375	16.2	0.3	21	1	US-10-786-720-13933	Sequence 13933, A
C 303	17.4	0.3	21	1	US-10-184-085A-236	Sequence 236, App	C 376	16.2	0.3	22	1	US-10-357-488-6	Sequence 6, App1
C 304	17.4	0.3	21	1	US-10-184-085A-237	Sequence 237, App	C 377	16.2	0.3	23	1	US-09-803-165-12	Sequence 12, App1
C 305	17.4	0.3	21	1	US-10-184-085A-273	Sequence 273, App	C 378	15.8	0.3	19	1	US-09-925-548-81	Sequence 81, App1
C 306	17.4	0.3	22	1	US-10-270-839-75	Sequence 75, App	C 379	15.8	0.3	20	1	US-09-563-728A-6	Sequence 6, App1
C 307	17.4	0.3	22	1	US-10-280-183A-358	Sequence 358, App	C 380	15.8	0.3	20	1	US-09-563-728A-15	Sequence 15, App1
C 308	17.4	0.3	22	1	US-10-216-122-94	Sequence 94, App1	C 381	15.8	0.3	20	1	US-09-975-123-23	Sequence 23, App1
C 309	17.2	0.3	22	1	US-10-335-573-6	Sequence 6, App1	C 382	15.8	0.3	20	1	US-09-993-721-82	Sequence 82, App1
C 310	17.2	0.3	23	1	US-09-426-548-126	Sequence 126, App	C 383	15.8	0.3	20	1	US-10-067-125-62	Sequence 62, App1
C 311	17.2	0.3	24	1	US-09-749-728B-43	Sequence 43, App1	C 384	15.8	0.3	20	1	US-10-145-453B-51	Sequence 51, App1
C 312	17.2	0.3	24	1	US-09-940-185-2717	Sequence 2717, Ap	C 385	15.8	0.3	20	1	US-10-371-474-63	Sequence 63, App1
C 313	17.2	0.3	24	1	US-10-081-969-18	Sequence 18, App	C 386	15.8	0.3	20	1	US-10-238-442-65	Sequence 65, App1
C 314	17.2	0.3	24	1	US-10-002-536A-3	Sequence 3, App1	C 387	15.8	0.3	20	1	US-10-160-786-51	Sequence 51, App1
C 315	17.2	0.3	24	1	US-10-002-536A-4	Sequence 4, App1	C 388	15.8	0.3	20	1	US-10-160-786-119	Sequence 119, App
C 316	17.2	0.3	24	1	US-10-093-628B-74	Sequence 74, App1	C 389	15.8	0.3	20	1	US-10-309-775A-72	Sequence 72, App1
C 317	17.2	0.3	24	1	US-10-309-775A-25	Sequence 25, App1	C 390	15.8	0.3	20	1	US-10-210-290-97	Sequence 97, App1
C 318	16.8	0.3	20	1	US-09-969-852-11	Sequence 11, App1	C 391	15.8	0.3	20	1	US-10-210-290-97	Sequence 97, App1
C 319	16.8	0.3	20	1	US-09-925-139-24	Sequence 24, App1	C 392	15.8	0.3	20	1	US-10-380-126-38	Sequence 38, App1
C 320	16.8	0.3	20	1	US-09-998-716-13	Sequence 13, App1	C 393	15.8	0.3	20	1	US-10-320-893-1	Sequence 1, App1
C 321	16.8	0.3	20	1	US-09-976-782-72	Sequence 72, App1	C 394	15.8	0.3	20	1	US-10-667-022-51	Sequence 51, App1
C 322	16.8	0.3	20	1	US-10-181-177-85	Sequence 85, App1	C 395	15.8	0.3	20	1	US-10-667-022-119	Sequence 119, App
C 323	16.8	0.3	20	1	US-10-331-907-78	Sequence 78, App1	C 396	15.8	0.3	20	1	US-10-210-802-22	Sequence 22, App1
C 324	16.8	0.3	20	1	US-10-448-836-158	Sequence 158, App	C 397	15.8	0.3	20	1	US-10-210-802-97	Sequence 97, App1
C 325	16.8	0.3	20	1	US-10-448-914A-158	Sequence 158, App	C 398	15.8	0.3	20	1	US-10-300-611-61	Sequence 61, App1

C 399	15.8	0.3	20	1	US-10-300-611-125	Sequence 125, App	C 472	15.4	0.3	19	1	US-10-328-861-9	Sequence 9, App1
C 400	15.8	0.3	20	1	US-10-315-962-67	Sequence 67, App1	C 473	15.4	0.3	19	1	US-10-348-861-10	Sequence 10, App1
C 401	15.8	0.3	20	1	US-10-317-270-81	Sequence 81, App1	C 474	15.4	0.3	20	1	US-09-944-411-42	Sequence 42, App1
C 402	15.8	0.3	20	1	US-10-449-741B-32	Sequence 32, App1	C 475	15.4	0.3	20	1	US-09-931-375A-20	Sequence 20, App1
C 403	15.8	0.3	20	1	US-10-641-455A-65	Sequence 65, App1	C 476	15.4	0.3	20	1	US-09-563-728A-7	Sequence 7, App1
C 404	15.8	0.3	21	1	US-09-888-326-240	Sequence 240, App	C 477	15.4	0.3	20	1	US-09-563-728A-16	Sequence 16, App1
C 405	15.8	0.3	21	1	US-09-938-689-26	Sequence 26, App1	C 478	15.4	0.3	20	1	US-09-956-712-81	Sequence 81, App1
C 406	15.8	0.3	21	1	US-09-932-300-8	Sequence 8, App1	C 479	15.4	0.3	20	1	US-09-864-636A-2582	Sequence 2582, Ap
C 407	15.8	0.3	21	1	US-09-776-479-780	Sequence 780, App	C 480	15.4	0.3	20	1	US-09-864-426A-2582	Sequence 2582, Ap
C 408	15.8	0.3	21	1	US-09-776-479-780	Sequence 780, App	C 481	15.4	0.3	20	1	US-10-181-177-168	Sequence 168, App
C 409	15.8	0.3	21	1	US-10-112-653-753	Sequence 753, App	C 482	15.4	0.3	20	1	US-10-145-493B-52	Sequence 52, App1
C 410	15.8	0.3	21	1	US-10-085-906-446	Sequence 446, App	C 483	15.4	0.3	20	1	US-10-279-186-74	Sequence 74, App1
C 411	15.8	0.3	21	1	US-10-017-995-780	Sequence 446, App	C 484	15.4	0.3	20	1	US-10-084-839-2582	Sequence 2582, Ap
C 412	15.8	0.3	21	1	US-10-184-085A-163	Sequence 163, App	C 485	15.4	0.3	20	1	US-10-260-516-42	Sequence 42, App1
C 413	15.8	0.3	21	1	US-10-184-085A-164	Sequence 164, App	C 486	15.4	0.3	20	1	US-10-289-762-2624	Sequence 38, App1
C 414	15.8	0.3	21	1	US-10-184-085A-199	Sequence 199, App	C 487	15.4	0.3	20	1	US-10-210-429-38	Sequence 109, App
C 415	15.8	0.3	21	1	US-10-184-085A-200	Sequence 200, App	C 488	15.4	0.3	20	1	US-10-210-429-109	Sequence 24, App1
C 416	15.8	0.3	21	1	US-10-184-085A-271	Sequence 271, App	C 489	15.4	0.3	20	1	US-10-462-261-74	Sequence 81, App1
C 417	15.8	0.3	21	1	US-10-184-085A-272	Sequence 272, App	C 490	15.4	0.3	20	1	US-10-633-913-81	Sequence 9, App1
C 418	15.8	0.3	21	1	US-10-235-079B-7	Sequence 7, App1	C 491	15.4	0.3	20	1	US-10-623-272-8	Sequence 382, App
C 419	15.8	0.3	21	1	US-10-096-578-45	Sequence 45, App1	C 492	15.4	0.3	20	1	US-10-418-251-7	Sequence 7, App1
C 420	15.8	0.3	21	1	US-10-314-578-780	Sequence 780, App	C 493	15.4	0.3	20	1	US-10-307-817-382	Sequence 53, App1
C 421	15.8	0.3	21	1	US-10-388-263-920	Sequence 920, App	C 494	15.4	0.3	21	1	US-09-977-418-53	Sequence 53, App1
C 422	15.8	0.3	21	1	US-10-173-208-6	Sequence 6, App1	C 495	15.4	0.3	21	1	US-09-977-033A-53	Sequence 53, App1
C 423	15.8	0.3	21	1	US-10-173-208-6	Sequence 6, App1	C 496	15.4	0.3	21	1	US-09-977-751C-53	Sequence 53, App1
C 424	15.8	0.3	21	1	US-10-252-155-418	Sequence 418, App	C 497	15.4	0.3	21	1	US-09-977-819B-53	Sequence 34, App1
C 425	15.8	0.3	21	1	US-10-646-436-27	Sequence 27, App1	C 498	15.4	0.3	21	1	US-10-076-900-4-6	Sequence 6, App1
C 426	15.8	0.3	21	1	US-10-654-253-13	Sequence 13, App1	C 499	15.4	0.3	21	1	US-10-247-893-6	Sequence 233, App
C 427	15.8	0.3	21	1	US-10-786-720-198	Sequence 1498, Ap	C 500	15.4	0.3	21	1	US-10-184-085A-233	Sequence 826, App
C 428	15.8	0.3	21	1	US-10-786-720-199	Sequence 1499, Ap	C 501	15.4	0.3	21	1	US-10-184-085A-826	Sequence 930, App
C 429	15.8	0.3	21	1	US-10-786-720-1500	Sequence 1500, Ap	C 502	15.4	0.3	21	1	US-10-184-085A-939	Sequence 939, App1
C 430	15.8	0.3	21	1	US-10-786-720-15049	Sequence 12049, A	C 503	15.4	0.3	21	1	US-10-133-937-99	Sequence 6, App1
C 431	15.8	0.3	21	1	US-10-809-757-3	Sequence 3, App1	C 504	15.4	0.3	21	1	US-10-178-258-6	Sequence 99, App1
C 432	15.8	0.3	21	1	US-10-809-757-10	Sequence 10, App1	C 505	15.4	0.3	21	1	US-10-349-143-11559	Sequence 6, App1
C 433	15.8	0.3	22	1	US-10-158-160A-24	Sequence 24, App1	C 506	15.4	0.3	21	1	US-10-159-563-89	Sequence 99, App1
C 434	15.8	0.3	22	1	US-10-091-281-326	Sequence 326, App	C 507	15.4	0.3	21	1	US-10-646-436-28	Sequence 28, App1
C 435	15.8	0.3	22	1	US-10-131-821-7915	Sequence 7915, Ap	C 508	15.4	0.3	21	1	US-10-314-321A-56	Sequence 56, App1
C 436	15.6	0.3	22	1	US-09-263-959-610	Sequence 610, App	C 509	15.4	0.3	22	1	US-10-309-280-190	Sequence 190, App
C 437	15.6	0.3	22	1	US-09-776-479-61	Sequence 61, App1	C 510	15.4	0.3	22	1	US-10-202-162A-15	Sequence 15, App1
C 438	15.6	0.3	22	1	US-09-776-479-61	Sequence 61, App1	C 511	15.4	0.3	22	1	US-09-726-096A-1	Sequence 1, App1
C 439	15.6	0.3	22	1	US-10-044-592-49	Sequence 49, App1	C 512	15.2	0.3	20	1	US-09-916-369A-1	Sequence 3, App1
C 440	15.6	0.3	22	1	US-10-112-653-55	Sequence 55, App1	C 513	15.2	0.3	20	1	US-09-916-369A-1	Sequence 3, App1
C 441	15.6	0.3	22	1	US-10-017-995-61	Sequence 61, App1	C 514	15.2	0.3	20	1	US-09-820-339A-22	Sequence 22, App1
C 442	15.6	0.3	22	1	US-10-191-436-10	Sequence 10, App1	C 515	15.2	0.3	20	1	US-09-973-788A-55	Sequence 55, App1
C 443	15.6	0.3	22	1	US-10-147-920-3	Sequence 3, App1	C 516	15.2	0.3	20	1	US-09-969-373-2927	Sequence 55, App1
C 444	15.6	0.3	22	1	US-10-096-578-34	Sequence 34, App1	C 517	15.2	0.3	20	1	US-09-969-373-2927	Sequence 55, App1
C 445	15.6	0.3	22	1	US-10-314-578-61	Sequence 61, App1	C 518	15.2	0.3	20	1	US-09-976-617A-55	Sequence 55, App1
C 446	15.6	0.3	22	1	US-10-213-706-13	Sequence 13, App1	C 519	15.2	0.3	20	1	US-09-976-617A-55	Sequence 55, App1
C 447	15.6	0.3	22	1	US-10-714-508-1	Sequence 1, App1	C 520	15.2	0.3	20	1	US-09-976-617A-55	Sequence 55, App1
C 448	15.6	0.3	22	1	US-10-781-055-9	Sequence 9, App1	C 521	15.2	0.3	20	1	US-09-961-949A-55	Sequence 11, App1
C 449	15.4	0.3	17	1	US-09-263-959-488	Sequence 488, App	C 522	15.2	0.3	20	1	US-09-747-429-11	Sequence 849, App
C 450	15.4	0.3	17	1	US-09-263-959-576	Sequence 576, App	C 523	15.2	0.3	20	1	US-09-263-959-894	Sequence 894, App
C 451	15.4	0.3	17	1	US-09-263-959-584	Sequence 584, App	C 524	15.2	0.3	20	1	US-09-263-959-894	Sequence 894, App
C 452	15.4	0.3	17	1	US-09-792-818-508	Sequence 508, App	C 525	15.2	0.3	20	1	US-09-760-500A-55	Sequence 55, App1
C 453	15.4	0.3	17	1	US-10-287-949A-6931	Sequence 6931, Ap	C 526	15.2	0.3	20	1	US-09-967-409A-55	Sequence 55, App1
C 454	15.4	0.3	17	1	US-10-138-674-6931	Sequence 6931, Ap	C 527	15.2	0.3	20	1	US-09-975-062A-55	Sequence 55, App1
C 455	15.4	0.3	18	1	US-09-918-186A-78	Sequence 78, App1	C 528	15.2	0.3	20	1	US-09-975-062A-55	Sequence 55, App1
C 456	15.4	0.3	18	1	US-09-918-186A-78	Sequence 78, App1	C 529	15.2	0.3	20	1	US-09-976-378A-55	Sequence 55, App1
C 457	15.4	0.3	18	1	US-09-918-186A-129	Sequence 129, App	C 530	15.2	0.3	20	1	US-09-976-378A-55	Sequence 55, App1
C 458	15.4	0.3	18	1	US-09-904-744-5	Sequence 5, App1	C 531	15.2	0.3	20	1	US-09-771-554-5	Sequence 5, App1
C 459	15.4	0.3	18	1	US-09-904-744-5	Sequence 5, App1	C 532	15.2	0.3	20	1	US-09-978-255A-577	Sequence 57, App
C 460	15.4	0.3	18	1	US-10-181-316-38	Sequence 38, App1	C 533	15.2	0.3	20	1	US-09-975-498-55	Sequence 55, App1
C 461	15.4	0.3	18	1	US-10-181-316-78	Sequence 78, App1	C 534	15.2	0.3	20	1	US-09-966-312-55	Sequence 55, App1
C 462	15.4	0.3	18	1	US-10-181-316-129	Sequence 129, App	C 535	15.2	0.3	20	1	US-09-978-697-577	Sequence 57, App
C 463	15.4	0.3	18	1	US-10-335-059-5	Sequence 5, App1	C 536	15.2	0.3	20	1	US-09-927-777A-55	Sequence 55, App1
C 464	15.4	0.3	18	1	US-10-349-143-7215	Sequence 7215, Ap	C 537	15.2	0.3	20	1	US-09-927-777A-70	Sequence 70, App1
C 465	15.4	0.3	18	1	US-10-349-143-11501	Sequence 11501, A	C 538	15.2	0.3	20	1	US-09-978-152A-577	Sequence 57, App
C 466	15.4	0.3	19	1	US-08-110-161A-9	Sequence 9, App1	C 539	15.2	0.3	20	1	US-09-966-491A-55	Sequence 55, App1
C 467	15.4	0.3	19	1	US-08-110-161A-10	Sequence 10, App1	C 540	15.2	0.3	20	1	US-09-976-971A-55	Sequence 55, App1
C 468	15.4	0.3	19	1	US-10-117-586C-74	Sequence 74, App1	C 541	15.2	0.3	20	1	US-09-999-832A-577	Sequence 57, App
C 469	15.4	0.3	19	1	US-10-225-023-503	Sequence 503, App	C 542	15.2	0.3	20	1	US-09-978-189-577	Sequence 57, App
C 470	15.4	0.3	19	1	US-10-225-023-1241	Sequence 1241, Ap	C 543	15.2	0.3	20	1	US-09-880-505-83	Sequence 83, App1
C 471	15.4	0.3	19	1	US-10-367-438-331	Sequence 331, App	C 544	15.2	0.3	20	1	US-09-820-279B-55	Sequence 55, App1



545	15.2	0.3	20	1	US-09-888-326-2	Sequence 2, App11	618	15.2	0.3	20	1	US-10-017-995-560	Sequence 560, App
546	15.2	0.3	20	1	US-09-888-326-601	Sequence 601, App	619	15.2	0.3	20	1	US-10-017-995-772	Sequence 772, App
547	15.2	0.3	20	1	US-09-888-326-838	Sequence 838, App	620	15.2	0.3	20	1	US-10-167-749-577	Sequence 577, App
548	15.2	0.3	20	1	US-09-888-326-839	Sequence 839, App	621	15.2	0.3	20	1	US-10-158-160A-48	Sequence 48, App1
549	15.2	0.3	20	1	US-09-931-375A-48	Sequence 48, App1	622	15.2	0.3	20	1	US-10-013-929A-577	Sequence 577, App
550	15.2	0.3	20	1	US-09-981-344-55	Sequence 55, App1	623	15.2	0.3	20	1	US-10-016-177A-577	Sequence 177, App
551	15.2	0.3	20	1	US-09-978-608A-577	Sequence 169, App	624	15.2	0.3	20	1	US-10-188-405-18	Sequence 18, App1
552	15.2	0.3	20	1	US-09-865-866-169	Sequence 55, App1	625	15.2	0.3	20	1	US-10-194-138-32	Sequence 32, App1
553	15.2	0.3	20	1	US-09-957-318A-55	Sequence 55, App1	626	15.2	0.3	20	1	US-10-008-978-55	Sequence 55, App1
554	15.2	0.3	20	1	US-09-974-500A-55	Sequence 57, App	627	15.2	0.3	20	1	US-10-008-978-70	Sequence 70, App1
555	15.2	0.3	20	1	US-09-978-585A-577	Sequence 57, App	628	15.2	0.3	20	1	US-10-166-709A-577	Sequence 66, App1
556	15.2	0.3	20	1	US-09-978-191A-577	Sequence 57, App	629	15.2	0.3	20	1	US-10-188-404-66	Sequence 10, App1
557	15.2	0.3	20	1	US-09-978-403A-577	Sequence 57, App	630	15.2	0.3	20	1	US-10-046-313-18	Sequence 18, App1
558	15.2	0.3	20	1	US-09-978-564A-577	Sequence 57, App	631	15.2	0.3	20	1	US-10-234-764-10	Sequence 104, App
559	15.2	0.3	20	1	US-09-975-376A-55	Sequence 55, App1	632	15.2	0.3	20	1	US-10-173-225B-104	Sequence 104, App
560	15.2	0.3	20	1	US-09-999-833A-577	Sequence 57, App	633	15.2	0.3	20	1	US-10-010-002-61	Sequence 61, App1
561	15.2	0.3	20	1	US-09-981-915A-577	Sequence 57, App	634	15.2	0.3	20	1	US-10-255-434-14	Sequence 14, App1
562	15.2	0.3	20	1	US-09-978-824-577	Sequence 57, App	635	15.2	0.3	20	1	US-10-255-434-26	Sequence 26, App1
563	15.2	0.3	20	1	US-09-957-313A-55	Sequence 55, App1	636	15.2	0.3	20	1	US-10-143-031A-577	Sequence 57, App
564	15.2	0.3	20	1	US-09-912-014-16	Sequence 16, App1	637	15.2	0.3	20	1	US-10-027-993-90	Sequence 90, App1
565	15.2	0.3	20	1	US-09-918-585A-577	Sequence 57, App	638	15.2	0.3	20	1	US-10-278-047-1	Sequence 1, App1
566	15.2	0.3	20	1	US-09-997-672-40	Sequence 40, App1	639	15.2	0.3	20	1	US-10-143-030A-577	Sequence 57, App
567	15.2	0.3	20	1	US-09-999-834A-577	Sequence 57, App	640	15.2	0.3	20	1	US-10-002-967A-577	Sequence 57, App
568	15.2	0.3	20	1	US-09-976-863A-55	Sequence 55, App1	641	15.2	0.3	20	1	US-10-017-063A-577	Sequence 57, App
569	15.2	0.3	20	1	US-09-978-423A-577	Sequence 2, App11	642	15.2	0.3	20	1	US-10-145-128A-577	Sequence 16, App1
570	15.2	0.3	20	1	US-09-881-535-2	Sequence 2, App11	643	15.2	0.3	20	1	US-10-371-066-16	Sequence 16, App1
571	15.2	0.3	20	1	US-09-978-193A-577	Sequence 27, App1	644	15.2	0.3	20	1	US-10-054-789-19	Sequence 19, App1
572	15.2	0.3	20	1	US-09-952-464A-27	Sequence 57, App	645	15.2	0.3	20	1	US-10-017-191A-577	Sequence 57, App
573	15.2	0.3	20	1	US-09-999-830A-577	Sequence 57, App	646	15.2	0.3	20	1	US-10-143-028A-577	Sequence 57, App
574	15.2	0.3	20	1	US-09-978-757A-577	Sequence 57, App	647	15.2	0.3	20	1	US-10-143-029A-577	Sequence 55, App1
575	15.2	0.3	20	1	US-09-776-479-226	Sequence 226, App	648	15.2	0.3	20	1	US-10-410-324-55	Sequence 57, App
576	15.2	0.3	20	1	US-09-776-479-226	Sequence 226, App	649	15.2	0.3	20	1	US-10-145-089A-577	Sequence 4760, App
577	15.2	0.3	20	1	US-09-776-479-556	Sequence 556, App	650	15.2	0.3	20	1	US-10-032-585-450	Sequence 57, App
578	15.2	0.3	20	1	US-09-776-479-556	Sequence 556, App	651	15.2	0.3	20	1	US-10-165-067A-577	Sequence 57, App
579	15.2	0.3	20	1	US-09-776-479-560	Sequence 560, App	652	15.2	0.3	20	1	US-10-145-017A-577	Sequence 57, App
580	15.2	0.3	20	1	US-09-776-479-560	Sequence 560, App	653	15.2	0.3	20	1	US-10-164-728A-577	Sequence 57, App
581	15.2	0.3	20	1	US-09-776-479-772	Sequence 772, App	654	15.2	0.3	20	1	US-10-013-928A-577	Sequence 57, App
582	15.2	0.3	20	1	US-09-776-479-772	Sequence 772, App	655	15.2	0.3	20	1	US-10-165-247A-577	Sequence 57, App
583	15.2	0.3	20	1	US-09-978-187B-577	Sequence 57, App	656	15.2	0.3	20	1	US-10-145-124A-577	Sequence 57, App
584	15.2	0.3	20	1	US-09-978-643A-577	Sequence 57, App	657	15.2	0.3	20	1	US-10-160-502A-577	Sequence 57, App
585	15.2	0.3	20	1	US-09-976-607-45	Sequence 45, App1	658	15.2	0.3	20	1	US-10-145-088A-577	Sequence 57, App
586	15.2	0.3	20	1	US-09-976-601A-55	Sequence 55, App1	659	15.2	0.3	20	1	US-10-160-502A-577	Sequence 57, App
587	15.2	0.3	20	1	US-09-978-375A-577	Sequence 57, App	660	15.2	0.3	20	1	US-10-401-343-66	Sequence 66, App1
588	15.2	0.3	20	1	US-09-978-298A-577	Sequence 57, App	661	15.2	0.3	20	1	US-10-017-068A-577	Sequence 57, App
589	15.2	0.3	20	1	US-09-978-188A-577	Sequence 57, App	662	15.2	0.3	20	1	US-10-164-829A-577	Sequence 57, App
590	15.2	0.3	20	1	US-09-976-782-56	Sequence 56, App1	663	15.2	0.3	20	1	US-10-013-922A-577	Sequence 57, App
591	15.2	0.3	20	1	US-09-976-782-56	Sequence 56, App1	664	15.2	0.3	20	1	US-10-013-922A-577	Sequence 57, App
592	15.2	0.3	20	1	US-09-978-681A-577	Sequence 57, App	665	15.2	0.3	20	1	US-10-013-924A-577	Sequence 57, App
593	15.2	0.3	20	1	US-09-978-194A-577	Sequence 57, App	666	15.2	0.3	20	1	US-10-017-084A-577	Sequence 57, App
594	15.2	0.3	20	1	US-09-999-829A-577	Sequence 57, App	667	15.2	0.3	20	1	US-10-145-016A-577	Sequence 57, App
595	15.2	0.3	20	1	US-09-978-299A-577	Sequence 57, App	668	15.2	0.3	20	1	US-10-145-088A-577	Sequence 57, App
596	15.2	0.3	20	1	US-09-978-544A-577	Sequence 57, App	669	15.2	0.3	20	1	US-10-145-092A-577	Sequence 57, App
597	15.2	0.3	20	1	US-09-978-665A-577	Sequence 57, App	670	15.2	0.3	20	1	US-10-145-129A-577	Sequence 57, App
598	15.2	0.3	20	1	US-09-978-803A-577	Sequence 57, App	671	15.2	0.3	20	1	US-10-017-085A-577	Sequence 57, App
599	15.2	0.3	20	1	US-09-999-831A-577	Sequence 57, App	672	15.2	0.3	20	1	US-10-165-353A-577	Sequence 57, App
600	15.2	0.3	20	1	US-09-994-701B-5	Sequence 5, App11	673	15.2	0.3	20	1	US-10-167-600-577	Sequence 57, App
601	15.2	0.3	20	1	US-09-994-701B-6	Sequence 6, App11	674	15.2	0.3	20	1	US-10-170-481A-577	Sequence 57, App
602	15.2	0.3	20	1	US-10-208-357-26	Sequence 26, App1	675	15.2	0.3	20	1	US-10-170-039A-577	Sequence 57, App
603	15.2	0.3	20	1	US-10-051-643-83	Sequence 83, App1	676	15.2	0.3	20	1	US-10-210-028-577	Sequence 57, App
604	15.2	0.3	20	1	US-10-025-601-13	Sequence 13, App1	677	15.2	0.3	20	1	US-10-017-085A-577	Sequence 57, App
605	15.2	0.3	20	1	US-10-176-055-11	Sequence 11, App1	678	15.2	0.3	20	1	US-10-013-916A-577	Sequence 57, App
606	15.2	0.3	20	1	US-10-057-550-126	Sequence 126, App	679	15.2	0.3	20	1	US-10-266-988-55	Sequence 55, App1
607	15.2	0.3	20	1	US-10-117-267-1	Sequence 1, App11	680	15.2	0.3	20	1	US-10-266-988-70	Sequence 70, App1
608	15.2	0.3	20	1	US-10-017-081A-577	Sequence 57, App	681	15.2	0.3	20	1	US-10-448-835-217	Sequence 217, App
609	15.2	0.3	20	1	US-10-112-653-218	Sequence 218, App	682	15.2	0.3	20	1	US-10-148-835-52	Sequence 52, App1
610	15.2	0.3	20	1	US-10-112-653-533	Sequence 533, App	683	15.2	0.3	20	1	US-10-143-026B-577	Sequence 57, App
611	15.2	0.3	20	1	US-10-112-653-537	Sequence 537, App	684	15.2	0.3	20	1	US-10-013-918A-577	Sequence 57, App
612	15.2	0.3	20	1	US-10-112-653-537	Sequence 537, App	685	15.2	0.3	20	1	US-10-162-521A-577	Sequence 57, App
613	15.2	0.3	20	1	US-10-112-653-745	Sequence 745, App	686	15.2	0.3	20	1	US-10-448-753-90	Sequence 90, App1
614	15.2	0.3	20	1	US-10-077-383-5	Sequence 5, App11	687	15.2	0.3	20	1	US-10-314-578-226	Sequence 226, App
615	15.2	0.3	20	1	US-10-017-995-226	Sequence 226, App	688	15.2	0.3	20	1	US-10-314-578-556	Sequence 556, App
616	15.2	0.3	20	1	US-10-017-995-556	Sequence 556, App	689	15.2	0.3	20	1	US-10-314-578-560	Sequence 560, App
617	15.2	0.3	20	1	US-10-017-995-556	Sequence 556, App	690	15.2	0.3	20	1	US-10-314-578-560	Sequence 560, App

C 631	15.2	0.3	20	1	US-10-314-578-772	Sequence 772, App	C 764	15.2	0.3	20	1	US-10-671-395-199	Sequence 199, App
C 632	15.2	0.3	20	1	US-10-181-200-10	Sequence 10, App1	C 765	15.2	0.3	20	1	US-10-671-395-200	Sequence 200, App
C 633	15.2	0.3	20	1	US-10-181-200-15	Sequence 15, App1	C 766	15.2	0.3	20	1	US-10-671-395-201	Sequence 201, App
C 634	15.2	0.3	20	1	US-10-013-928A-577	Sequence 577, App	C 767	15.2	0.3	20	1	US-10-671-395-202	Sequence 202, App
C 635	15.2	0.3	20	1	US-10-162-522A-577	Sequence 577, App	C 768	15.2	0.3	20	1	US-10-671-395-203	Sequence 203, App
C 636	15.2	0.3	20	1	US-10-013-923A-577	Sequence 577, App	C 769	15.2	0.3	20	1	US-10-671-395-204	Sequence 204, App
C 637	15.2	0.3	20	1	US-10-181-875-83	Sequence 83, App1	C 770	15.2	0.3	20	1	US-10-671-395-205	Sequence 205, App
C 638	15.2	0.3	20	1	US-10-013-925A-577	Sequence 577, App	C 771	15.2	0.3	20	1	US-10-671-395-206	Sequence 206, App
C 639	15.2	0.3	20	1	US-10-013-927A-577	Sequence 577, App	C 772	15.2	0.3	20	1	US-10-671-395-207	Sequence 207, App
C 700	15.2	0.3	20	1	US-10-401-194-9	Sequence 9, App1	C 773	15.2	0.3	20	1	US-10-671-395-208	Sequence 208, App
C 701	15.2	0.3	20	1	US-10-401-194-9	Sequence 9, App1	C 774	15.2	0.3	20	1	US-10-671-395-262	Sequence 262, App
C 702	15.2	0.3	20	1	US-10-448-914A-217	Sequence 217, App	C 775	15.2	0.3	20	1	US-10-671-395-274	Sequence 274, App
C 703	15.2	0.3	20	1	US-10-145-093A-577	Sequence 577, App	C 776	15.2	0.3	20	1	US-10-671-395-275	Sequence 275, App
C 704	15.2	0.3	20	1	US-10-013-919A-577	Sequence 577, App	C 777	15.2	0.3	20	1	US-10-671-395-276	Sequence 276, App
C 705	15.2	0.3	20	1	US-10-190-366-23	Sequence 23, App1	C 778	15.2	0.3	20	1	US-10-671-395-277	Sequence 277, App
C 706	15.2	0.3	20	1	US-10-190-366-86	Sequence 86, App1	C 779	15.2	0.3	20	1	US-10-671-395-311	Sequence 311, App
C 707	15.2	0.3	20	1	US-10-190-366-220	Sequence 220, App	C 780	15.2	0.3	20	1	US-10-671-395-338	Sequence 338, App
C 708	15.2	0.3	20	1	US-10-190-366-283	Sequence 283, App	C 781	15.2	0.3	20	1	US-10-671-395-376	Sequence 376, App
C 709	15.2	0.3	20	1	US-10-289-762-4302	Sequence 4302, Ap	C 782	15.2	0.3	20	1	US-10-671-395-403	Sequence 403, App
C 710	15.2	0.3	20	1	US-10-289-762-5533	Sequence 5533, Ap	C 783	15.2	0.3	20	1	US-10-671-395-427	Sequence 427, App
C 711	15.2	0.3	20	1	US-10-013-920A-577	Sequence 577, App	C 784	15.2	0.3	20	1	US-10-671-395-433	Sequence 433, App
C 712	15.2	0.3	20	1	US-10-628-841-45	Sequence 45, App1	C 785	15.2	0.3	20	1	US-10-671-395-444	Sequence 444, App
C 713	15.2	0.3	20	1	US-10-164-749A-577	Sequence 577, App	C 786	15.2	0.3	20	1	US-10-671-395-487	Sequence 487, App
C 714	15.2	0.3	20	1	US-10-215-448-66	Sequence 66, App1	C 787	15.2	0.3	20	1	US-10-671-395-575	Sequence 575, App
C 715	15.2	0.3	20	1	US-10-215-448-99	Sequence 99, App1	C 788	15.2	0.3	20	1	US-10-671-395-814	Sequence 814, App
C 716	15.2	0.3	20	1	US-10-013-917A-577	Sequence 577, App	C 789	15.2	0.3	20	1	US-10-671-395-7412	Sequence 1412, App
C 717	15.2	0.3	20	1	US-10-640-618-55	Sequence 55, App1	C 790	15.2	0.3	20	1	US-10-666-909-54	Sequence 54, App1
C 718	15.2	0.3	20	1	US-10-626-772-19	Sequence 19, App1	C 791	15.2	0.3	20	1	US-10-773-951-85	Sequence 85, App1
C 719	15.2	0.3	20	1	US-10-431-341-31	Sequence 31, App1	C 792	15.2	0.3	20	1	US-10-661-088-12	Sequence 12, App1
C 720	15.2	0.3	20	1	US-10-628-066-11	Sequence 11, App1	C 793	15.2	0.3	20	1	US-10-661-088-15	Sequence 15, App1
C 721	15.2	0.3	20	1	US-10-300-820-36	Sequence 36, App1	C 794	15.2	0.3	20	1	US-10-661-097-12	Sequence 12, App1
C 722	15.2	0.3	20	1	US-10-300-820-48	Sequence 48, App1	C 795	15.2	0.3	20	1	US-10-661-097-15	Sequence 15, App1
C 723	15.2	0.3	20	1	US-10-300-820-112	Sequence 112, App	C 796	15.2	0.3	20	1	US-10-661-355-12	Sequence 12, App1
C 724	15.2	0.3	20	1	US-10-300-820-123	Sequence 123, App	C 797	15.2	0.3	20	1	US-10-661-355-15	Sequence 15, App1
C 725	15.2	0.3	20	1	US-10-304-116-66	Sequence 66, App1	C 798	15.2	0.3	20	1	US-10-661-099-12	Sequence 12, App1
C 726	15.2	0.3	20	1	US-10-304-116-125	Sequence 125, App	C 799	15.2	0.3	20	1	US-10-661-099-15	Sequence 15, App1
C 727	15.2	0.3	20	1	US-10-303-420-171	Sequence 171, App	C 800	15.2	0.3	20	1	US-09-853-386-148	Sequence 148, App
C 728	15.2	0.3	20	1	US-10-315-962-33	Sequence 33, App1	C 801	15.2	0.3	20	1	US-09-862-847-9	Sequence 9, App1
C 729	15.2	0.3	20	1	US-10-316-516-57	Sequence 57, App1	C 802	15.2	0.3	20	1	US-09-766-450-58	Sequence 58, App1
C 730	15.2	0.3	20	1	US-10-316-516-115	Sequence 115, App	C 803	15.2	0.3	20	1	US-09-997-672-41	Sequence 41, App1
C 731	15.2	0.3	20	1	US-10-316-755-20	Sequence 20, App1	C 804	15.2	0.3	20	1	US-09-792-686A-7	Sequence 7, App1
C 732	15.2	0.3	20	1	US-10-316-755-175	Sequence 175, App	C 805	15.2	0.3	20	1	US-09-754-809-4	Sequence 4, App1
C 733	15.2	0.3	20	1	US-10-317-271A-71	Sequence 71, App1	C 806	15.2	0.3	20	1	US-10-036-221-4	Sequence 21, App1
C 734	15.2	0.3	20	1	US-10-653-416-15	Sequence 15, App1	C 807	15.2	0.3	20	1	US-10-023-066A-25	Sequence 25, App1
C 735	15.2	0.3	20	1	US-10-653-416-25	Sequence 25, App1	C 808	15.2	0.3	20	1	US-10-100-321-23	Sequence 23, App1
C 736	15.2	0.3	20	1	US-10-653-416-89	Sequence 89, App1	C 809	15.2	0.3	20	1	US-10-005-956-785	Sequence 785, App
C 737	15.2	0.3	20	1	US-10-319-915-90	Sequence 90, App1	C 810	15.2	0.3	20	1	US-10-005-956-786	Sequence 786, App
C 738	15.2	0.3	20	1	US-10-319-915-165	Sequence 165, App	C 811	15.2	0.3	20	1	US-10-005-956-1026	Sequence 1026, App
C 739	15.2	0.3	20	1	US-10-319-915-181	Sequence 181, App	C 812	15.2	0.3	20	1	US-10-184-085A-122	Sequence 122, App
C 740	15.2	0.3	20	1	US-10-319-915-274	Sequence 274, App	C 813	15.2	0.3	20	1	US-10-184-085A-176	Sequence 176, App
C 741	15.2	0.3	20	1	US-10-470-030-15	Sequence 15, App1	C 814	15.2	0.3	20	1	US-10-455-109-4	Sequence 4, App1
C 742	15.2	0.3	20	1	US-10-744-831-61	Sequence 61, App1	C 815	15.2	0.3	20	1	US-10-418-182-122	Sequence 122, App
C 743	15.2	0.3	20	1	US-10-671-395-178	Sequence 178, App	C 816	15.2	0.3	20	1	US-10-349-143-10092	Sequence 10092, A
C 744	15.2	0.3	20	1	US-10-671-395-179	Sequence 179, App	C 817	15.2	0.3	20	1	US-10-410-031-188	Sequence 188, App
C 745	15.2	0.3	20	1	US-10-671-395-180	Sequence 180, App	C 818	15.2	0.3	20	1	US-10-410-031-190	Sequence 190, App
C 746	15.2	0.3	20	1	US-10-671-395-181	Sequence 181, App	C 819	15.2	0.3	20	1	US-10-236-392-523	Sequence 523, App
C 747	15.2	0.3	20	1	US-10-671-395-182	Sequence 182, App	C 820	15.2	0.3	20	1	US-10-236-392-553	Sequence 553, App
C 748	15.2	0.3	20	1	US-10-671-395-183	Sequence 183, App	C 821	15.2	0.3	20	1	US-10-236-392-649	Sequence 649, App
C 749	15.2	0.3	20	1	US-10-671-395-184	Sequence 184, App	C 822	15.2	0.3	20	1	US-10-236-392-673	Sequence 673, App
C 750	15.2	0.3	20	1	US-10-671-395-185	Sequence 185, App	C 823	15.2	0.3	20	1	US-10-236-392-685	Sequence 685, App
C 751	15.2	0.3	20	1	US-10-671-395-186	Sequence 186, App	C 824	15.2	0.3	20	1	US-10-236-392-697	Sequence 697, App
C 752	15.2	0.3	20	1	US-10-671-395-187	Sequence 187, App	C 825	15.2	0.3	20	1	US-10-236-392-724	Sequence 724, App
C 753	15.2	0.3	20	1	US-10-671-395-188	Sequence 188, App	C 826	15.2	0.3	20	1	US-10-677-558-10	Sequence 10, App1
C 754	15.2	0.3	20	1	US-10-671-395-189	Sequence 189, App	C 827	15.2	0.3	20	1	US-10-786-720-791	Sequence 791, App
C 755	15.2	0.3	20	1	US-10-671-395-190	Sequence 190, App	C 828	15.2	0.3	20	1	US-10-786-720-794	Sequence 794, App
C 756	15.2	0.3	20	1	US-10-671-395-191	Sequence 191, App	C 829	15.2	0.3	20	1	US-10-786-720-8354	Sequence 2354, Ap
C 757	15.2	0.3	20	1	US-10-671-395-192	Sequence 192, App	C 830	15.2	0.3	20	1	US-10-786-720-6683	Sequence 6683, Ap
C 758	15.2	0.3	20	1	US-10-671-395-193	Sequence 193, App	C 831	15.2	0.3	20	1	US-10-786-720-7055	Sequence 7055, Ap
C 759	15.2	0.3	20	1	US-10-671-395-194	Sequence 194, App	C 832	15.2	0.3	20	1	US-10-786-720-7160	Sequence 7160, Ap
C 760	15.2	0.3	20	1	US-10-671-395-195	Sequence 195, App	C 833	15.2	0.3	20	1	US-10-786-720-9323	Sequence 9323, Ap
C 761	15.2	0.3	20	1	US-10-671-395-196	Sequence 196, App	C 834	15.2	0.3	20	1	US-10-786-720-8428	Sequence 8428, Ap
C 762	15.2	0.3	20	1	US-10-671-395-197	Sequence 197, App	C 835	15.2	0.3	20	1	US-10-786-720-12055	Sequence 12055, A
C 763	15.2	0.3	20	1	US-10-671-395-198	Sequence 198, App	C 836	15.2	0.3	20	1	US-10-786-720-12057	Sequence 12057, A

837	15.2	0.3	21	1	US-10-786-720-12394	Sequence 12394, A	910	14.8	0.3	19	1	US-09-903-786-286	Sequence 286, App
C 838	15.2	0.3	21	1	US-10-786-720-12396	Sequence 12396, A	911	14.8	0.3	19	1	US-09-902-903-286	Sequence 286, App
C 839	15.2	0.3	21	1	US-10-786-720-12979	Sequence 12979, A	912	14.8	0.3	19	1	US-09-903-749A-286	Sequence 286, App
C 840	15.2	0.3	21	1	US-10-786-720-13935	Sequence 13935, A	913	14.8	0.3	19	1	US-09-904-119-286	Sequence 286, App
C 841	15.2	0.3	21	1	US-10-786-720-13925	Sequence 13925, A	914	14.8	0.3	19	1	US-09-904-956-286	Sequence 286, App
842	15.2	0.3	21	1	US-10-786-720-20448	Sequence 20448, A	915	14.8	0.3	19	1	US-09-902-736-286	Sequence 286, App
843	15	0.3	17	1	US-09-866-108-6765	Sequence 6765, Ap	916	14.8	0.3	19	1	US-09-907-943-286	Sequence 286, App
844	15	0.3	17	1	US-09-866-108-6766	Sequence 6766, Ap	917	14.8	0.3	19	1	US-09-903-943-286	Sequence 286, App
845	15	0.3	17	1	US-09-866-108-6767	Sequence 6767, Ap	918	14.8	0.3	19	1	US-09-904-462-286	Sequence 286, App
846	15	0.3	17	1	US-10-723-361-6765	Sequence 6765, Ap	919	14.8	0.3	19	1	US-09-907-925-286	Sequence 286, App
847	15	0.3	17	1	US-10-723-361-6766	Sequence 6766, Ap	920	14.8	0.3	19	1	US-09-902-692-286	Sequence 286, App
848	15	0.3	17	1	US-10-723-361-6767	Sequence 6767, Ap	921	14.8	0.3	19	1	US-09-903-520-286	Sequence 286, App
C 849	15	0.3	18	1	US-09-878-582-17	Sequence 17, App1	922	14.8	0.3	19	1	US-09-905-056-286	Sequence 286, App
C 850	15	0.3	18	1	US-10-388-263-840	Sequence 840, App	923	14.8	0.3	19	1	US-09-909-064-286	Sequence 286, App
C 851	15	0.3	18	1	US-10-336-213B-17	Sequence 17, App1	924	14.8	0.3	19	1	US-09-904-553-286	Sequence 286, App
C 852	15	0.3	18	1	US-10-664-639A-49	Sequence 49, App1	925	14.8	0.3	19	1	US-09-905-381-286	Sequence 286, App
C 853	15	0.3	19	1	US-10-349-143-7301	Sequence 7301, Ap	926	14.8	0.3	19	1	US-09-904-485-286	Sequence 286, App
C 854	15	0.3	20	1	US-09-820-215-16	Sequence 16, App1	927	14.8	0.3	19	1	US-09-903-348-286	Sequence 286, App
855	15	0.3	20	1	US-09-972-715-14	Sequence 14, App1	928	14.8	0.3	19	1	US-09-905-088-286	Sequence 286, App
C 856	15	0.3	20	1	US-09-263-981-8	Sequence 8, App1	929	14.8	0.3	19	1	US-09-907-575-286	Sequence 286, App
C 857	15	0.3	20	1	US-10-443-694-118	Sequence 118, App	930	14.8	0.3	19	1	US-09-905-075-286	Sequence 286, App
C 858	15	0.3	20	1	US-10-210-556-48	Sequence 48, App1	931	14.8	0.3	19	1	US-09-902-759-286	Sequence 286, App
C 859	15	0.3	20	1	US-10-210-556-171	Sequence 171, App	932	14.8	0.3	19	1	US-09-902-634-286	Sequence 286, App
C 860	15	0.3	20	1	US-10-394-808-73	Sequence 73, App1	933	14.8	0.3	19	1	US-09-902-713-286	Sequence 286, App
861	15	0.3	20	1	US-10-394-808-135	Sequence 135, App	934	14.8	0.3	19	1	US-09-907-979-286	Sequence 286, App
C 862	15	0.3	20	1	US-10-614-625-118	Sequence 118, App	935	14.8	0.3	19	1	US-09-902-615-286	Sequence 286, App
C 863	15	0.3	21	1	US-09-738-363-34	Sequence 34, App1	936	14.8	0.3	19	1	US-09-903-925-286	Sequence 286, App
864	15	0.3	21	1	US-10-083-246A-165	Sequence 165, App	937	14.8	0.3	19	1	US-09-906-760A-286	Sequence 286, App
865	15	0.3	21	1	US-10-084-833-3599	Sequence 3599, Ap	938	14.8	0.3	19	1	US-09-903-823-286	Sequence 286, App
C 866	15	0.3	21	1	US-10-388-263-884	Sequence 884, App	939	14.8	0.3	19	1	US-09-907-652-286	Sequence 286, App
C 867	15	0.3	21	1	US-10-336-213B-61	Sequence 61, App1	940	14.8	0.3	19	1	US-09-902-572A-286	Sequence 286, App
868	15	0.3	21	1	US-10-633-023-34	Sequence 34, App1	941	14.8	0.3	19	1	US-09-902-979-286	Sequence 286, App
869	15	0.3	21	1	US-10-648-593-286	Sequence 286, App	942	14.8	0.3	19	1	US-09-905-125-286	Sequence 286, App
C 870	14.8	0.3	18	1	US-09-657-638B-104	Sequence 104, App	943	14.8	0.3	19	1	US-09-906-815A-286	Sequence 286, App
C 871	14.8	0.3	18	1	US-09-897-322-18	Sequence 18, App1	944	14.8	0.3	19	1	US-09-905-449-286	Sequence 286, App
C 872	14.8	0.3	18	1	US-09-263-959-716	Sequence 716, App	945	14.8	0.3	19	1	US-09-903-806-286	Sequence 286, App
C 873	14.8	0.3	18	1	US-09-766-450-53	Sequence 53, App1	946	14.8	0.3	19	1	US-09-904-992-286	Sequence 286, App
874	14.8	0.3	18	1	US-10-077-383-27	Sequence 27, App1	947	14.8	0.3	19	1	US-09-904-838-286	Sequence 286, App
C 875	14.8	0.3	18	1	US-10-188-404-33	Sequence 33, App1	948	14.8	0.3	19	1	US-09-906-777-286	Sequence 286, App
C 876	14.8	0.3	18	1	US-10-116-325-104	Sequence 104, App	949	14.8	0.3	19	1	US-09-903-603A-286	Sequence 286, App
877	14.8	0.3	18	1	US-10-323-268-18	Sequence 18, App1	950	14.8	0.3	19	1	US-09-904-532-286	Sequence 286, App
878	14.8	0.3	18	1	US-10-239-912-1	Sequence 1, App1	951	14.8	0.3	19	1	US-09-904-766-286	Sequence 286, App
C 879	14.8	0.3	18	1	US-10-239-912-31	Sequence 31, App1	952	14.8	0.3	19	1	US-09-904-920A-286	Sequence 286, App
C 880	14.8	0.3	18	1	US-10-388-263-104	Sequence 104, App	953	14.8	0.3	19	1	US-09-904-877A-286	Sequence 286, App
881	14.8	0.3	18	1	US-10-388-263-361	Sequence 361, App	954	14.8	0.3	19	1	US-09-903-562-286	Sequence 286, App
882	14.8	0.3	18	1	US-10-349-143-5445	Sequence 5445, Ap	955	14.8	0.3	19	1	US-09-906-618-286	Sequence 286, App
C 883	14.8	0.3	18	1	US-10-349-143-6099	Sequence 6099, Ap	956	14.8	0.3	19	1	US-09-907-728-286	Sequence 286, App
885	14.8	0.3	18	1	US-10-321-039-541	Sequence 541, App	957	14.8	0.3	19	1	US-09-904-805-286	Sequence 286, App
C 884	14.8	0.3	18	1	US-10-608-536-4	Sequence 4, App1	958	14.8	0.3	19	1	US-09-904-938A-286	Sequence 286, App
887	14.8	0.3	18	1	US-10-663-749-4	Sequence 4, App1	959	14.8	0.3	19	1	US-09-906-722A-286	Sequence 286, App
C 888	14.8	0.3	18	1	US-10-735-345-5	Sequence 5, App1	960	14.8	0.3	19	1	US-09-908-576-286	Sequence 286, App
C 889	14.8	0.3	18	1	US-10-360-854-11	Sequence 11, App1	961	14.8	0.3	19	1	US-10-220-310-5	Sequence 5, App1
C 890	14.8	0.3	19	1	US-10-830-475-104	Sequence 104, App	962	14.8	0.3	19	1	US-10-175-225-136	Sequence 136, App
892	14.8	0.3	19	1	US-09-909-320-286	Sequence 286, App	963	14.8	0.3	19	1	US-10-216-484-102	Sequence 102, App
891	14.8	0.3	19	1	US-09-909-088B-286	Sequence 286, App	964	14.8	0.3	19	1	US-10-216-484-103	Sequence 103, App
892	14.8	0.3	19	1	US-09-905-291A-286	Sequence 286, App	965	14.8	0.3	19	1	US-10-083-246A-83	Sequence 83, App1
893	14.8	0.3	19	1	US-09-902-853-286	Sequence 286, App	966	14.8	0.3	19	1	US-10-189-956-32	Sequence 32, App1
894	14.8	0.3	19	1	US-09-907-824-286	Sequence 286, App	967	14.8	0.3	19	1	US-10-384-933-102	Sequence 102, App
895	14.8	0.3	19	1	US-09-907-841-286	Sequence 286, App	968	14.8	0.3	19	1	US-10-384-933-103	Sequence 103, App
896	14.8	0.3	19	1	US-09-904-011-286	Sequence 286, App	969	14.8	0.3	19	1	US-10-299-976-286	Sequence 286, App
C 897	14.8	0.3	19	1	US-09-904-968A-53	Sequence 63, App1	970	14.8	0.3	19	1	US-10-299-937-286	Sequence 286, App
898	14.8	0.3	19	1	US-09-903-640-286	Sequence 286, App	971	14.8	0.3	19	1	US-10-298-993-286	Sequence 286, App
899	14.8	0.3	19	1	US-09-908-093-286	Sequence 286, App	972	14.8	0.3	19	1	US-10-360-532-26	Sequence 26, App1
900	14.8	0.3	19	1	US-09-906-742-286	Sequence 286, App	973	14.8	0.3	19	1	US-10-448-923-286	Sequence 286, App
901	14.8	0.3	19	1	US-09-906-838-286	Sequence 286, App	974	14.8	0.3	19	1	US-10-277-216-148	Sequence 148, App
902	14.8	0.3	19	1	US-09-907-813-286	Sequence 286, App	975	14.8	0.3	19	1	US-10-449-656-286	Sequence 286, App
903	14.8	0.3	19	1	US-09-907-942-286	Sequence 286, App	976	14.8	0.3	19	1	US-10-448-713-286	Sequence 286, App
904	14.8	0.3	19	1	US-09-904-859-286	Sequence 286, App	977	14.8	0.3	19	1	US-10-074-978A-532	Sequence 532, App
905	14.8	0.3	19	1	US-09-909-820-286	Sequence 286, App	978	14.8	0.3	19	1	US-10-126-022-148	Sequence 148, App
906	14.8	0.3	19	1	US-09-904-820-286	Sequence 286, App	979	14.8	0.3	19	1	US-10-425-447-286	Sequence 286, App
907	14.8	0.3	19	1	US-09-904-786-286	Sequence 286, App	980	14.8	0.3	19	1	US-10-092-900A-759	Sequence 759, App
908	14.8	0.3	19	1	US-09-906-646-286	Sequence 286, App	981	14.8	0.3	19	1	US-10-252-155-156	Sequence 156, App
909	14.8	0.3	19	1	US-09-906-700-286	Sequence 286, App	982	14.8	0.3	19	1	US-10-239-907A-10	Sequence 10, App1

c 963	14.8	0.3	19	1	US-10-240-240A-148	Sequence 148, App	1056	14.8	0.3	20	1	US-09-903-925-222	Sequence 222, App
964	14.8	0.3	19	1	US-10-215-371-286	Sequence 286, App	1057	14.8	0.3	20	1	US-09-906-760A-222	Sequence 222, App
965	14.8	0.3	19	1	US-10-665-951-1693	Sequence 1693, App	1058	14.8	0.3	20	1	US-09-903-823-222	Sequence 222, App
c 966	14.8	0.3	19	1	US-10-665-951-1940	Sequence 1940, App	1059	14.8	0.3	20	1	US-09-907-652-222	Sequence 222, App
967	14.8	0.3	19	1	US-10-771-187-286	Sequence 286, App	1060	14.8	0.3	20	1	US-09-902-572A-222	Sequence 222, App
968	14.8	0.3	20	1	US-09-752-639-57	Sequence 57, App1	1061	14.8	0.3	20	1	US-09-902-979-222	Sequence 222, App
969	14.8	0.3	20	1	US-09-984-198-57	Sequence 157, App1	1062	14.8	0.3	20	1	US-09-905-125-222	Sequence 222, App
970	14.8	0.3	20	1	US-09-923-246-15	Sequence 15, App1	1063	14.8	0.3	20	1	US-09-906-815A-222	Sequence 222, App
971	14.8	0.3	20	1	US-09-909-320-222	Sequence 222, App	1064	14.8	0.3	20	1	US-09-905-449-222	Sequence 222, App
c 972	14.8	0.3	20	1	US-09-918-186A-194	Sequence 194, App	1065	14.8	0.3	20	1	US-09-903-806-222	Sequence 222, App
973	14.8	0.3	20	1	US-09-909-088B-222	Sequence 222, App	1066	14.8	0.3	20	1	US-09-904-992-222	Sequence 222, App
974	14.8	0.3	20	1	US-09-955-410-4	Sequence 4, App1i	1067	14.8	0.3	20	1	US-09-904-838-222	Sequence 222, App
975	14.8	0.3	20	1	US-09-791-406-54	Sequence 54, App1	1068	14.8	0.3	20	1	US-09-906-777-222	Sequence 222, App
976	14.8	0.3	20	1	US-09-905-291A-222	Sequence 222, App	1069	14.8	0.3	20	1	US-09-903-603A-222	Sequence 222, App
977	14.8	0.3	20	1	US-09-985-335-24	Sequence 24, App1	1070	14.8	0.3	20	1	US-09-904-532-222	Sequence 222, App
978	14.8	0.3	20	1	US-09-902-853-222	Sequence 222, App	1071	14.8	0.3	20	1	US-09-904-766-222	Sequence 222, App
979	14.8	0.3	20	1	US-09-995-225-58	Sequence 58, App1	1072	14.8	0.3	20	1	US-09-904-920A-222	Sequence 222, App
999	14.8	0.3	20	1	US-09-995-225-58	Sequence 58, App1	1073	14.8	0.3	20	1	US-09-793-807-77	Sequence 77, App1
1000	14.8	0.3	20	1	US-09-995-225-58	Sequence 58, App1	1074	14.8	0.3	20	1	US-09-904-877A-222	Sequence 222, App
1001	14.8	0.3	20	1	US-09-995-225-59	Sequence 59, App1	1075	14.8	0.3	20	1	US-09-903-562-222	Sequence 222, App
1002	14.8	0.3	20	1	US-09-995-225-59	Sequence 59, App1	1076	14.8	0.3	20	1	US-09-906-618-222	Sequence 222, App
1003	14.8	0.3	20	1	US-09-995-225-60	Sequence 60, App1	1077	14.8	0.3	20	1	US-09-907-728-222	Sequence 222, App
1004	14.8	0.3	20	1	US-09-995-225-60	Sequence 60, App1	1078	14.8	0.3	20	1	US-09-904-805-222	Sequence 222, App
1005	14.8	0.3	20	1	US-09-907-824-222	Sequence 222, App	1079	14.8	0.3	20	1	US-09-904-938A-222	Sequence 222, App
1006	14.8	0.3	20	1	US-09-907-841-222	Sequence 222, App	1080	14.8	0.3	20	1	US-09-906-722A-222	Sequence 222, App
1007	14.8	0.3	20	1	US-09-904-011-222	Sequence 222, App	1081	14.8	0.3	20	1	US-09-908-576-222	Sequence 222, App
1008	14.8	0.3	20	1	US-09-903-640-222	Sequence 222, App	1082	14.8	0.3	20	1	US-10-112-653-881	Sequence 222, App
1009	14.8	0.3	20	1	US-09-908-093-222	Sequence 222, App	c1083	14.8	0.3	20	1	US-10-085-906-213	Sequence 213, App
c1010	14.8	0.3	20	1	US-09-824-322B-79	Sequence 79, App1	c1084	14.8	0.3	20	1	US-10-017-995-504	Sequence 504, App
1011	14.8	0.3	20	1	US-09-824-322B-106	Sequence 106, App	1085	14.8	0.3	20	1	US-10-229-735-45	Sequence 45, App1
1012	14.8	0.3	20	1	US-09-906-742-222	Sequence 222, App	c1086	14.8	0.3	20	1	US-10-314-405-27	Sequence 27, App1
c1013	14.8	0.3	20	1	US-09-888-326-34	Sequence 34, App1	1087	14.8	0.3	20	1	US-10-002-491-56	Sequence 56, App1
1014	14.8	0.3	20	1	US-09-906-838-222	Sequence 222, App	c1088	14.8	0.3	20	1	US-10-227-001-9	Sequence 9, App1i
1015	14.8	0.3	20	1	US-09-907-613-222	Sequence 222, App	c1089	14.8	0.3	20	1	US-10-003-919-42	Sequence 42, App1
1016	14.8	0.3	20	1	US-09-907-942-222	Sequence 222, App	1090	14.8	0.3	20	1	US-10-006-366-15	Sequence 15, App1
c1017	14.8	0.3	20	1	US-09-938-669-68	Sequence 68, App1	1091	14.8	0.3	20	1	US-10-295-723-15	Sequence 15, App1
1018	14.8	0.3	20	1	US-09-863-049A-34	Sequence 34, App1	1092	14.8	0.3	20	1	US-10-006-972A-34	Sequence 34, App1
1019	14.8	0.3	20	1	US-09-904-859-222	Sequence 222, App	c1093	14.8	0.3	20	1	US-10-033-742-26	Sequence 26, App1
1020	14.8	0.3	20	1	US-09-909-204-222	Sequence 222, App	1094	14.8	0.3	20	1	US-10-243-072-15	Sequence 15, App1
1021	14.8	0.3	20	1	US-09-904-820-222	Sequence 222, App	c1095	14.8	0.3	20	1	US-10-243-072-17	Sequence 17, App1
1022	14.8	0.3	20	1	US-09-904-766-222	Sequence 222, App	1096	14.8	0.3	20	1	US-10-336-491-26	Sequence 26, App1
1023	14.8	0.3	20	1	US-09-906-646-222	Sequence 222, App	1097	14.8	0.3	20	1	US-10-285-976-80	Sequence 80, App1
1024	14.8	0.3	20	1	US-09-906-700-222	Sequence 222, App	1098	14.8	0.3	20	1	US-10-218-969-75	Sequence 75, App1
1025	14.8	0.3	20	1	US-09-903-786-222	Sequence 222, App	1099	14.8	0.3	20	1	US-10-414-186-15	Sequence 15, App1
1026	14.8	0.3	20	1	US-09-902-903-222	Sequence 222, App	c1100	14.8	0.3	20	1	US-10-414-186-17	Sequence 17, App1
1027	14.8	0.3	20	1	US-09-903-749A-222	Sequence 222, App	c1101	14.8	0.3	20	1	US-10-305-810-12	Sequence 12, App1
1028	14.8	0.3	20	1	US-09-904-119-222	Sequence 222, App	1102	14.8	0.3	20	1	US-10-299-976-222	Sequence 222, App
1029	14.8	0.3	20	1	US-09-904-955-222	Sequence 222, App	1103	14.8	0.3	20	1	US-10-154-890-4	Sequence 4, App1i
1030	14.8	0.3	20	1	US-09-902-736-222	Sequence 222, App	1104	14.8	0.3	20	1	US-10-032-585-5142	Sequence 5142, App
1031	14.8	0.3	20	1	US-09-907-794-222	Sequence 222, App	1105	14.8	0.3	20	1	US-10-331-907-244	Sequence 244, App
1032	14.8	0.3	20	1	US-09-903-943-222	Sequence 222, App	1106	14.8	0.3	20	1	US-10-299-937-222	Sequence 222, App
1033	14.8	0.3	20	1	US-09-904-462-222	Sequence 222, App	1107	14.8	0.3	20	1	US-10-298-933-222	Sequence 222, App
1034	14.8	0.3	20	1	US-09-907-925-222	Sequence 222, App	c1108	14.8	0.3	20	1	US-10-181-316-194	Sequence 194, App
1035	14.8	0.3	20	1	US-09-902-692-222	Sequence 222, App	c1109	14.8	0.3	20	1	US-10-314-578-504	Sequence 504, App
1036	14.8	0.3	20	1	US-09-903-520-222	Sequence 222, App	c1110	14.8	0.3	20	1	US-10-448-923-222	Sequence 222, App
1037	14.8	0.3	20	1	US-09-949-427-225	Sequence 225, App	1111	14.8	0.3	20	1	US-10-323-069A-13	Sequence 13, App1
1038	14.8	0.3	20	1	US-09-905-055-222	Sequence 222, App	1112	14.8	0.3	20	1	US-10-167-034-57	Sequence 57, App1
1039	14.8	0.3	20	1	US-09-909-064-222	Sequence 222, App	1113	14.8	0.3	20	1	US-10-271-602B-14	Sequence 14, App1
1040	14.8	0.3	20	1	US-09-904-553-222	Sequence 222, App	1114	14.8	0.3	20	1	US-10-271-602B-73	Sequence 73, App1
1041	14.8	0.3	20	1	US-09-905-381-222	Sequence 222, App	c1115	14.8	0.3	20	1	US-10-350-923B-73	Sequence 73, App1
1042	14.8	0.3	20	1	US-09-904-485-222	Sequence 222, App	1116	14.8	0.3	20	1	US-10-449-656-222	Sequence 222, App
1043	14.8	0.3	20	1	US-09-949-428-235	Sequence 235, App	c1117	14.8	0.3	20	1	US-10-188-883-82	Sequence 82, App1
1044	14.8	0.3	20	1	US-09-905-348-222	Sequence 222, App	1118	14.8	0.3	20	1	US-10-448-713-222	Sequence 222, App
1045	14.8	0.3	20	1	US-09-905-088-222	Sequence 222, App	1119	14.8	0.3	20	1	US-10-269-762-1502	Sequence 1502, App
1046	14.8	0.3	20	1	US-09-907-575-222	Sequence 222, App	c1120	14.8	0.3	20	1	US-10-289-762-6641	Sequence 2641, App
1047	14.8	0.3	20	1	US-09-905-075-222	Sequence 222, App	c1121	14.8	0.3	20	1	US-10-188-777-83	Sequence 83, App1
1048	14.8	0.3	20	1	US-09-902-759-222	Sequence 222, App	1122	14.8	0.3	20	1	US-10-352-179-58	Sequence 58, App1
1049	14.8	0.3	20	1	US-09-902-634-222	Sequence 222, App	1123	14.8	0.3	20	1	US-10-425-447-222	Sequence 222, App
1050	14.8	0.3	20	1	US-09-902-713-222	Sequence 222, App	c1124	14.8	0.3	20	1	US-10-357-820-86	Sequence 86, App1
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c1053	14.8	0.3	20	1	US-09-776-479-504	Sequence 504, App	c1126	14.8	0.3	20	1	US-10-335-977-9922	Sequence 9922, App
1054	14.8	0.3	20	1	US-09-902-615-222	Sequence 222, App	1127	14.8	0.3	20	1	US-10-274-300-49	Sequence 49, App1
1055	14.8	0.3	20	1	US-09-990-613-24	Sequence 24, App1	c1128	14.8	0.3	20	1	US-10-274-387-13	Sequence 13, App1

c1129	14.8	0.3	20	1	US-10-274-311-13	Sequence 13, Appl	c1202	14.8	0.3	21	1	US-10-786-720-18576	Sequence 18576, A
1130	14.8	0.3	20	1	US-10-292-312-40	Sequence 40, Appl	c1203	14.8	0.3	21	1	US-10-786-720-20348	Sequence 20348, A
c1131	14.8	0.3	20	1	US-10-303-266-53	Sequence 53, Appl	c1204	14.8	0.3	21	1	US-10-786-720-20365	Sequence 20365, A
1132	14.8	0.3	20	1	US-10-303-266-129	Sequence 129, Appl	1205	14.4	0.3	16	1	US-10-628-528-28	Sequence 28, Appl
1133	14.8	0.3	20	1	US-10-304-103-41	Sequence 41, Appl	1206	14.4	0.3	17	1	US-09-866-108-1892	Sequence 1892, Ap
c1134	14.8	0.3	20	1	US-10-304-103-76	Sequence 76, Appl	1207	14.4	0.3	17	1	US-09-866-108-1893	Sequence 1893, Ap
1135	14.8	0.3	20	1	US-10-301-832-88	Sequence 88, Appl	1208	14.4	0.3	17	1	US-09-866-108-1894	Sequence 1894, Ap
1136	14.8	0.3	20	1	US-10-317-249-23	Sequence 23, Appl	1209	14.4	0.3	17	1	US-09-866-108-1895	Sequence 1895, Ap
c1137	14.8	0.3	20	1	US-10-317-249-82	Sequence 82, Appl	c1210	14.4	0.3	17	1	US-09-866-108-6112	Sequence 6112, Ap
1138	14.8	0.3	20	1	US-10-317-249-68	Sequence 101, Appl	c1211	14.4	0.3	17	1	US-09-866-108-6113	Sequence 6113, Ap
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1140	14.8	0.3	20	1	US-10-316-667-41	Sequence 143, Appl	c1213	14.4	0.3	17	1	US-09-866-108-6200	Sequence 6200, Ap
1141	14.8	0.3	20	1	US-10-659-684-15	Sequence 15, Appl	c1214	14.4	0.3	17	1	US-09-866-108-6257	Sequence 6257, Ap
c1142	14.8	0.3	20	1	US-10-319-893-52	Sequence 52, Appl	c1215	14.4	0.3	17	1	US-09-866-108-6258	Sequence 6258, Ap
1143	14.8	0.3	20	1	US-10-319-893-127	Sequence 127, Appl	1216	14.4	0.3	17	1	US-09-866-108-7409	Sequence 7409, Ap
c1144	14.8	0.3	20	1	US-10-471-448-2	Sequence 2, Appl1	1217	14.4	0.3	17	1	US-09-866-108-7410	Sequence 7410, Ap
1145	14.8	0.3	20	1	US-10-215-371-222	Sequence 222, Appl	c1218	14.4	0.3	17	1	US-09-866-108-7797	Sequence 7797, Ap
c1146	14.8	0.3	20	1	US-10-652-795-79	Sequence 79, Appl	c1219	14.4	0.3	17	1	US-09-866-108-7798	Sequence 7798, Ap
1147	14.8	0.3	20	1	US-10-652-795-306	Sequence 306, Appl	c1220	14.4	0.3	17	1	US-09-730-289B-509	Sequence 509, Appl
1148	14.8	0.3	20	1	US-10-695-089-79	Sequence 79, Appl	1221	14.4	0.3	17	1	US-09-818-875-4314	Sequence 4314, Ap
c1149	14.8	0.3	20	1	US-10-647-918-79	Sequence 79, Appl	c1222	14.4	0.3	17	1	US-09-818-875-4315	Sequence 4315, Ap
1150	14.8	0.3	20	1	US-10-647-918-306	Sequence 306, Appl	1223	14.4	0.3	17	1	US-09-818-875-4318	Sequence 4318, Ap
c1151	14.8	0.3	20	1	US-10-385-163-84	Sequence 84, Appl	c1224	14.4	0.3	17	1	US-09-818-875-4319	Sequence 4319, Ap
1152	14.8	0.3	20	1	US-10-714-796-226	Sequence 226, Appl	1225	14.4	0.3	17	1	US-09-780-533A-13	Sequence 13, Appl
c1153	14.8	0.3	20	1	US-10-796-177-84	Sequence 84, Appl	c1226	14.4	0.3	17	1	US-09-780-533A-2376	Sequence 2376, Ap
1154	14.8	0.3	20	1	US-10-771-187-222	Sequence 222, Appl	1227	14.4	0.3	17	1	US-09-877-478-1388	Sequence 428, Appl
c1155	14.8	0.3	20	1	US-09-765-081-173	Sequence 173, Appl	c1228	14.4	0.3	17	1	US-09-848-754A-1884	Sequence 565, Appl
1156	14.8	0.3	21	1	US-09-765-081-444	Sequence 444, Appl	1229	14.4	0.3	17	1	US-09-780-533A-1711	Sequence 1711, Ap
c1157	14.8	0.3	21	1	US-09-969-373-2418	Sequence 2418, Ap	1230	14.4	0.3	17	1	US-09-780-533A-2375	Sequence 2375, Ap
1158	14.8	0.3	21	1	US-09-969-373-3091	Sequence 3091, Ap	1231	14.4	0.3	17	1	US-09-780-533A-3376	Sequence 3376, Ap
c1159	14.8	0.3	21	1	US-09-927-737-30	Sequence 30, Appl	c1232	14.4	0.3	17	1	US-09-927-046-452	Sequence 452, Appl
1160	14.8	0.3	21	1	US-09-754-106-21	Sequence 21, Appl	c1233	14.4	0.3	17	1	US-09-877-478-1388	Sequence 1288, Ap
c1161	14.8	0.3	21	1	US-09-754-106-22	Sequence 22, Appl	c1234	14.4	0.3	17	1	US-09-848-754A-1884	Sequence 565, Appl
1162	14.8	0.3	21	1	US-09-883-375-21	Sequence 21, Appl	c1235	14.4	0.3	17	1	US-09-776-478-532	Sequence 532, Appl
c1163	14.8	0.3	21	1	US-10-332-187-14	Sequence 14, Appl	c1236	14.4	0.3	17	1	US-09-776-478-532	Sequence 532, Appl
1164	14.8	0.3	21	1	US-10-336-855-25	Sequence 25, Appl	1237	14.4	0.3	17	1	US-09-776-478-532	Sequence 532, Appl
c1165	14.8	0.3	21	1	US-10-184-085A-162	Sequence 162, Appl	c1238	14.4	0.3	17	1	US-09-776-478-532	Sequence 532, Appl
1166	14.8	0.3	21	1	US-10-184-085A-198	Sequence 198, Appl	1239	14.4	0.3	17	1	US-09-780-164-44	Sequence 44, Appl
c1167	14.8	0.3	21	1	US-10-184-085A-202	Sequence 202, Appl	c1240	14.4	0.3	17	1	US-09-792-818-253	Sequence 253, Appl
1168	14.8	0.3	21	1	US-10-184-085A-238	Sequence 238, Appl	c1241	14.4	0.3	17	1	US-09-792-818-523	Sequence 523, Appl
c1169	14.8	0.3	21	1	US-10-184-085A-270	Sequence 270, Appl	c1242	14.4	0.3	17	1	US-10-042-417-86	Sequence 86, Appl
1170	14.8	0.3	21	1	US-10-184-085A-274	Sequence 274, Appl	1243	14.4	0.3	17	1	US-10-060-998-401	Sequence 401, Appl
c1171	14.8	0.3	21	1	US-10-184-085A-755	Sequence 755, Appl	1244	14.4	0.3	17	1	US-10-060-998-402	Sequence 402, Appl
1172	14.8	0.3	21	1	US-10-184-085A-755	Sequence 755, Appl	1245	14.4	0.3	17	1	US-10-156-330-5786	Sequence 5786, Ap
c1173	14.8	0.3	21	1	US-10-184-085A-791	Sequence 791, Appl	1246	14.4	0.3	17	1	US-10-238-700-1165	Sequence 1165, Ap
1174	14.8	0.3	21	1	US-10-184-085A-792	Sequence 792, Appl	1247	14.4	0.3	17	1	US-10-238-700-1165	Sequence 1165, Ap
c1175	14.8	0.3	21	1	US-10-184-085A-863	Sequence 863, Appl	c1248	14.4	0.3	17	1	US-10-339-782-373	Sequence 373, Appl
1176	14.8	0.3	21	1	US-10-184-085A-864	Sequence 864, Appl	1249	14.4	0.3	17	1	US-10-061-201-1877	Sequence 1877, Ap
c1177	14.8	0.3	21	1	US-10-184-085A-902	Sequence 902, Appl	1250	14.4	0.3	17	1	US-10-061-201-1878	Sequence 1878, Ap
1178	14.8	0.3	21	1	US-10-184-085A-938	Sequence 938, Appl	1251	14.4	0.3	17	1	US-10-209-787-4315	Sequence 4315, Ap
c1179	14.8	0.3	21	1	US-10-184-085A-974	Sequence 974, Appl	c1252	14.4	0.3	17	1	US-10-209-787-4315	Sequence 4315, Ap
1180	14.8	0.3	21	1	US-10-330-176-10	Sequence 10, Appl	c1253	14.4	0.3	17	1	US-10-209-787-4318	Sequence 4318, Ap
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1182	14.8	0.3	21	1	US-10-349-143-10680	Sequence 10680, A	1255	14.4	0.3	17	1	US-10-261-188-4314	Sequence 4314, Ap
c1183	14.8	0.3	21	1	US-10-210-130-296	Sequence 296, Appl	c1256	14.4	0.3	17	1	US-10-261-188-4315	Sequence 4315, Ap
1184	14.8	0.3	21	1	US-10-479-510-11	Sequence 11, Appl	1257	14.4	0.3	17	1	US-10-261-188-4318	Sequence 4318, Ap
c1185	14.8	0.3	21	1	US-10-385-163-27	Sequence 27, Appl	c1258	14.4	0.3	17	1	US-10-261-188-4319	Sequence 4319, Ap
1186	14.8	0.3	21	1	US-10-385-163-28	Sequence 28, Appl	c1259	14.4	0.3	17	1	US-10-029-020-111	Sequence 111, Appl
c1187	14.8	0.3	21	1	US-10-796-177-27	Sequence 27, Appl	c1260	14.4	0.3	17	1	US-10-029-020-119	Sequence 119, Appl
1188	14.8	0.3	21	1	US-10-796-177-28	Sequence 28, Appl	c1261	14.4	0.3	17	1	US-10-342-902-188	Sequence 1288, Ap
c1189	14.8	0.3	21	1	US-10-786-720-1031	Sequence 1031, Ap	1262	14.4	0.3	17	1	US-10-138-674-6930	Sequence 6930, Ap
1190	14.8	0.3	21	1	US-10-786-720-6682	Sequence 6682, Ap	1263	14.4	0.3	17	1	US-10-138-674-6932	Sequence 6932, Ap
c1191	14.8	0.3	21	1	US-10-786-720-6684	Sequence 6684, Ap	1264	14.4	0.3	17	1	US-10-138-674-7143	Sequence 7143, Ap
1192	14.8	0.3	21	1	US-10-786-720-1193	Sequence 1193, A	1265	14.4	0.3	17	1	US-10-138-674-8739	Sequence 8739, Ap
c1193	14.8	0.3	21	1	US-10-786-720-1193	Sequence 1193, A	1266	14.4	0.3	17	1	US-10-287-949A-5930	Sequence 6930, Ap
1194	14.8	0.3	21	1	US-10-786-720-1192	Sequence 11492, A	1267	14.4	0.3	17	1	US-10-287-949A-5932	Sequence 6932, Ap
c1195	14.8	0.3	21	1	US-10-786-720-12051	Sequence 12051, A	1268	14.4	0.3	17	1	US-10-287-949A-7143	Sequence 7143, Ap
1196	14.8	0.3	21	1	US-10-786-720-12937	Sequence 12937, A	1269	14.4	0.3	17	1	US-10-287-949A-8739	Sequence 8739, Ap
c1197	14.8	0.3	21	1	US-10-786-720-13996	Sequence 13996, A	1270	14.4	0.3	17	1	US-10-712-672-1857	Sequence 1857, Ap
1198	14.8	0.3	21	1	US-10-786-720-13998	Sequence 13998, A	c1271	14.4	0.3	17	1	US-10-669-841-1288	Sequence 1288, Ap
c1199	14.8	0.3	21	1	US-10-786-720-14585	Sequence 14585, A	1272	14.4	0.3	17	1	US-10-723-361-1892	Sequence 1892, Ap
1200	14.8	0.3	21	1	US-10-786-720-15020	Sequence 15020, A	1273	14.4	0.3	17	1	US-10-723-361-1893	Sequence 1893, Ap
c1201	14.8	0.3	21	1	US-10-786-720-15242	Sequence 15242, A	1274	14.4	0.3	17	1	US-10-723-361-1894	Sequence 1894, Ap
1202	14.8	0.3	21	1	US-10-786-720-17388	Sequence 17388, A							

1275	14.4	0.3	17	1	US-10-723-361-1895	Sequence 1895, Ap	C1348	14.4	0.3	20	1	US-09-784-674-555	Sequence 555, App
C1276	14.4	0.3	17	1	US-10-723-361-6112	Sequence 6112, Ap	C1349	14.4	0.3	20	1	US-09-915-485-24	Sequence 24, App1
C1277	14.4	0.3	17	1	US-10-723-361-6113	Sequence 6113, Ap	1350	14.4	0.3	20	1	US-09-973-827-18	Sequence 18, App1
C1278	14.4	0.3	17	1	US-10-723-361-6199	Sequence 6199, Ap	1351	14.4	0.3	20	1	US-09-908-147-49	Sequence 49, App1
C1280	14.4	0.3	17	1	US-10-723-361-6200	Sequence 6200, Ap	1352	14.4	0.3	20	1	US-09-964-0598-117	Sequence 117, App
C1281	14.4	0.3	17	1	US-10-723-361-6257	Sequence 6257, Ap	1353	14.4	0.3	20	1	US-09-964-0598-118	Sequence 118, App
C1282	14.4	0.3	17	1	US-10-723-361-6258	Sequence 6258, Ap	C1354	14.4	0.3	20	1	US-10-067-514-45	Sequence 45, App1
C1283	14.4	0.3	17	1	US-10-723-361-7409	Sequence 7409, Ap	1355	14.4	0.3	20	1	US-10-131-591A-30	Sequence 30, App1
C1284	14.4	0.3	17	1	US-10-723-361-7410	Sequence 7410, Ap	C1356	14.4	0.3	20	1	US-10-417-719-13	Sequence 13, App1
C1285	14.4	0.3	17	1	US-10-723-361-7797	Sequence 7797, Ap	C1357	14.4	0.3	20	1	US-10-032-585-5399	Sequence 5399, Ap
C1286	14.4	0.3	17	1	US-10-723-361-7798	Sequence 7798, Ap	1358	14.4	0.3	20	1	US-10-236-0318-86	Sequence 86, App1
C1287	14.4	0.3	17	1	US-10-681-074-4314	Sequence 4314, Ap	1359	14.4	0.3	20	1	US-10-160-807-120	Sequence 120, App
C1288	14.4	0.3	17	1	US-10-681-074-4315	Sequence 4315, Ap	1360	14.4	0.3	20	1	US-10-160-807-120	Sequence 250, App
C1289	14.4	0.3	17	1	US-10-681-074-4318	Sequence 4318, Ap	C1362	14.4	0.3	20	1	US-10-369-214-44	Sequence 44, App1
C1290	14.4	0.3	18	1	US-09-822-485-28	Sequence 28, App1	1363	14.4	0.3	20	1	US-10-174-460-89	Sequence 48, App1
C1291	14.4	0.3	18	1	US-09-942-588A-40	Sequence 40, App1	C1364	14.4	0.3	20	1	US-10-175-492-18	Sequence 38, App1
C1292	14.4	0.3	18	1	US-09-764-420A-41	Sequence 41, App1	1365	14.4	0.3	20	1	US-10-175-492-18	Sequence 116, App
C1293	14.4	0.3	18	1	US-09-764-420A-41	Sequence 41, App1	C1366	14.4	0.3	20	1	US-10-104-047-1009	Sequence 4009, Ap
C1294	14.4	0.3	18	1	US-09-749-728B-45	Sequence 45, App1	C1367	14.4	0.3	20	1	US-10-277-216-153	Sequence 153, App
C1295	14.4	0.3	18	1	US-09-942-596A-40	Sequence 40, App1	C1368	14.4	0.3	20	1	US-10-349-143-7609	Sequence 7609, Ap
C1296	14.4	0.3	18	1	US-09-988-873A-40	Sequence 40, App1	C1369	14.4	0.3	20	1	US-10-289-762-6012	Sequence 45, App1
C1297	14.4	0.3	18	1	US-09-942-662A-40	Sequence 40, App1	1370	14.4	0.3	20	1	US-10-419-723-45	Sequence 45, App1
C1298	14.4	0.3	18	1	US-10-146-221-12	Sequence 12, App1	C1371	14.4	0.3	20	1	US-10-126-022-153	Sequence 153, App
C1299	14.4	0.3	18	1	US-10-231-302-40	Sequence 40, App1	C1372	14.4	0.3	20	1	US-10-462-261-10	Sequence 50, App1
C1300	14.4	0.3	18	1	US-10-024-818-11	Sequence 11, App1	1373	14.4	0.3	20	1	US-10-215-448-53	Sequence 53, App1
C1301	14.4	0.3	18	1	US-10-218-654-151	Sequence 151, App	C1374	14.4	0.3	20	1	US-10-380-880-9	Sequence 9, App1
C1302	14.4	0.3	18	1	US-10-262-439-151	Sequence 151, App	1375	14.4	0.3	20	1	US-10-380-880-9	Sequence 52, App1
C1303	14.4	0.3	18	1	US-10-294-203-11	Sequence 11, App1	C1376	14.4	0.3	20	1	US-10-380-125-52	Sequence 54, App1
C1304	14.4	0.3	18	1	US-10-374-207-28	Sequence 28, App1	C1377	14.4	0.3	20	1	US-10-380-125-54	Sequence 19, App1
C1305	14.4	0.3	18	1	US-10-089-887-9	Sequence 9, App1	1378	14.4	0.3	20	1	US-10-672-991-18	Sequence 120, App
C1306	14.4	0.3	18	1	US-10-349-143-7389	Sequence 7389, Ap	1379	14.4	0.3	20	1	US-10-655-847-120	Sequence 250, App
C1307	14.4	0.3	18	1	US-10-349-143-9111	Sequence 9111, Ap	C1381	14.4	0.3	20	1	US-10-633-163-561	Sequence 56, App1
C1308	14.4	0.3	18	1	US-10-608-804-40	Sequence 40, App1	1382	14.4	0.3	20	1	US-10-274-300-48	Sequence 48, App1
C1309	14.4	0.3	18	1	US-10-634-510-40	Sequence 40, App1	1383	14.4	0.3	20	1	US-10-634-027-9	Sequence 9, App1
C1310	14.4	0.3	18	1	US-10-138-674-1411	Sequence 1411, Ap	1384	14.4	0.3	20	1	US-10-728-509-49	Sequence 49, App1
C1311	14.4	0.3	18	1	US-10-287-949A-1411	Sequence 1411, Ap	1385	14.4	0.3	20	1	US-10-280-183A-126	Sequence 126, App
C1312	14.4	0.3	19	1	US-08-110-161A-9	Sequence 9, App1	1386	14.4	0.3	20	1	US-10-292-337-22	Sequence 32, App1
C1313	14.4	0.3	19	1	US-08-110-161A-10	Sequence 10, App1	C1387	14.4	0.3	20	1	US-10-292-337-29	Sequence 99, App1
C1314	14.4	0.3	19	1	US-10-328-861-9	Sequence 9, App1	1388	14.4	0.3	20	1	US-10-300-263-60	Sequence 60, App1
C1315	14.4	0.3	19	1	US-10-328-861-10	Sequence 10, App1	1389	14.4	0.3	20	1	US-10-299-089-14	Sequence 129, App
C1316	14.4	0.3	19	1	US-09-805-293-25	Sequence 25, App1	1390	14.4	0.3	20	1	US-10-299-089-91	Sequence 91, App1
C1317	14.4	0.3	19	1	US-09-776-695-8	Sequence 8, App1	C1391	14.4	0.3	20	1	US-10-304-116-46	Sequence 46, App1
C1318	14.4	0.3	19	1	US-09-935-998A-58	Sequence 58, App1	C1392	14.4	0.3	20	1	US-10-315-962-42	Sequence 42, App1
C1319	14.4	0.3	19	1	US-10-005-626A-58	Sequence 58, App1	1393	14.4	0.3	20	1	US-10-315-962-46	Sequence 46, App1
C1320	14.4	0.3	19	1	US-10-251-117-163	Sequence 163, App	C1394	14.4	0.3	20	1	US-10-316-755-67	Sequence 67, App1
C1321	14.4	0.3	19	1	US-10-251-117-412	Sequence 412, App	1395	14.4	0.3	20	1	US-10-316-755-67	Sequence 210, App
C1322	14.4	0.3	19	1	US-10-225-023-636	Sequence 636, App	1396	14.4	0.3	20	1	US-10-317-803-167	Sequence 167, App
C1323	14.4	0.3	19	1	US-10-225-023-636	Sequence 636, App	1397	14.4	0.3	20	1	US-10-317-803-168	Sequence 238, App
C1324	14.4	0.3	19	1	US-10-225-023-636	Sequence 636, App	C1398	14.4	0.3	20	1	US-10-319-915-123	Sequence 123, App
C1325	14.4	0.3	19	1	US-10-225-023-1374	Sequence 1374, Ap	1399	14.4	0.3	20	1	US-10-319-915-123	Sequence 249, App
C1326	14.4	0.3	19	1	US-10-225-023-1433	Sequence 1433, Ap	1400	14.4	0.3	20	1	US-10-316-515-37	Sequence 27, App1
C1327	14.4	0.3	19	1	US-10-357-488-27	Sequence 27, App1	C1401	14.4	0.3	20	1	US-10-652-795-394	Sequence 394, App
C1328	14.4	0.3	19	1	US-10-357-488-35	Sequence 35, App1	C1402	14.4	0.3	20	1	US-10-778-617-8	Sequence 8, App1
C1329	14.4	0.3	19	1	US-10-065-133A-40	Sequence 40, App1	1403	14.4	0.3	20	1	US-10-647-918-394	Sequence 394, App
C1330	14.4	0.3	19	1	US-10-349-143-11316	Sequence 11316, A	C1404	14.4	0.3	20	1	US-10-719-995-11	Sequence 11, App1
C1331	14.4	0.3	19	1	US-10-434-811A-40	Sequence 40, App1	C1405	14.4	0.3	20	1	US-09-969-373-4453	Sequence 4453, Ap
C1332	14.4	0.3	19	1	US-10-734-373-40	Sequence 40, App1	C1406	14.2	0.3	19	1	US-09-917-138-1	Sequence 2, App1
C1333	14.4	0.3	19	1	US-10-665-951-971	Sequence 971, App	1407	14.2	0.3	19	1	US-09-917-138-2	Sequence 11, App1
C1334	14.4	0.3	19	1	US-10-665-951-1295	Sequence 1295, App	C1408	14.2	0.3	19	1	US-09-925-548-11	Sequence 11, App1
C1335	14.4	0.3	19	1	US-09-956-712-63	Sequence 63, App1	1409	14.2	0.3	19	1	US-09-925-548-14	Sequence 515, App
C1336	14.4	0.3	20	1	US-10-633-913-63	Sequence 63, App1	C1410	14.2	0.3	19	1	US-09-969-373-4453	Sequence 4453, Ap
C1337	14.4	0.3	20	1	US-09-434-066-4	Sequence 4, App1	C1411	14.2	0.3	19	1	US-09-853-526-515	Sequence 515, App
C1338	14.4	0.3	20	1	US-09-945-825-14	Sequence 14, App1	C1412	14.2	0.3	19	1	US-09-953-562-14	Sequence 14, App1
C1339	14.4	0.3	20	1	US-09-881-012-100	Sequence 100, App	C1413	14.2	0.3	19	1	US-09-970-971A-15	Sequence 15, App1
C1340	14.4	0.3	20	1	US-09-766-450-39	Sequence 39, App	C1414	14.2	0.3	19	1	US-09-970-971A-16	Sequence 16, App1
C1341	14.4	0.3	20	1	US-09-824-322B-394	Sequence 394, App	C1415	14.2	0.3	19	1	US-09-970-971A-26	Sequence 26, App1
C1342	14.4	0.3	20	1	US-09-232-785-374	Sequence 374, App	C1416	14.2	0.3	19	1	US-09-982-212-39	Sequence 39, App1
C1343	14.4	0.3	20	1	US-09-948-002-56	Sequence 56, App1	C1417	14.2	0.3	19	1	US-09-977-868-39	Sequence 39, App1
C1344	14.4	0.3	20	1	US-09-784-674-551	Sequence 551, App	C1418	14.2	0.3	19	1	US-09-977-868-39	Sequence 25, App1
C1345	14.4	0.3	20	1	US-09-784-674-552	Sequence 552, App	1419	14.2	0.3	19	1	US-10-208-357-25	Sequence 25, App1
C1346	14.4	0.3	20	1	US-09-784-674-553	Sequence 553, App	C1420	14.2	0.3	19	1	US-10-002-974-96	Sequence 96, App1
C1347	14.4	0.3	20	1	US-09-784-674-554	Sequence 554, App							



c1421	14.2	0.3	19	1	US-10-123-597-1	Sequence 1, App1	1494	14.2	0.3	20	1	US-09-426-548-53	Sequence 53, App1
c1422	14.2	0.3	19	1	US-10-123-597-2	Sequence 2, App1	c1495	14.2	0.3	20	1	US-09-820-215-18	Sequence 18, App1
c1423	14.2	0.3	19	1	US-10-123-597-3	Sequence 3, App1	c1496	14.2	0.3	20	1	US-09-005-243-32	Sequence 32, App1
c1424	14.2	0.3	19	1	US-10-123-597-4	Sequence 4, App1	c1497	14.2	0.3	20	1	US-09-005-243-33	Sequence 33, App1
c1425	14.2	0.3	19	1	US-10-123-597-5	Sequence 5, App1	c1498	14.2	0.3	20	1	US-09-884-098-2	Sequence 2, App1
c1426	14.2	0.3	19	1	US-10-123-597-6	Sequence 6, App1	c1499	14.2	0.3	20	1	US-09-224-683-32	Sequence 32, App1
c1427	14.2	0.3	19	1	US-10-123-597-7	Sequence 7, App1	c1500	14.2	0.3	20	1	US-09-224-683-33	Sequence 33, App1
c1428	14.2	0.3	19	1	US-10-123-597-8	Sequence 8, App1	c1501	14.2	0.3	20	1	US-09-923-517-78	Sequence 78, App1
c1429	14.2	0.3	19	1	US-10-123-597-9	Sequence 9, App1	c1502	14.2	0.3	20	1	US-09-923-517-95	Sequence 95, App1
c1430	14.2	0.3	19	1	US-10-123-597-10	Sequence 10, App1	c1503	14.2	0.3	20	1	US-09-880-261-5	Sequence 5, App1
c1431	14.2	0.3	19	1	US-10-123-597-11	Sequence 11, App1	c1504	14.2	0.3	20	1	US-09-808-688-8	Sequence 8, App1
c1432	14.2	0.3	19	1	US-10-123-597-12	Sequence 12, App1	c1505	14.2	0.3	20	1	US-09-854-883-120	Sequence 120, App1
c1433	14.2	0.3	19	1	US-10-123-597-13	Sequence 13, App1	c1506	14.2	0.3	20	1	US-09-854-883-121	Sequence 121, App1
c1434	14.2	0.3	19	1	US-10-322-881-1	Sequence 24, App1	c1507	14.2	0.3	20	1	US-09-817-913-32	Sequence 32, App1
c1435	14.2	0.3	19	1	US-10-322-881-2	Sequence 1, App1	c1508	14.2	0.3	20	1	US-09-454-394-66	Sequence 66, App1
c1436	14.2	0.3	19	1	US-10-247-893-3	Sequence 3, App1	c1509	14.2	0.3	20	1	US-09-454-394-67	Sequence 67, App1
c1437	14.2	0.3	19	1	US-10-247-893-7	Sequence 7, App1	c1510	14.2	0.3	20	1	US-09-810-993-40	Sequence 40, App1
c1438	14.2	0.3	19	1	US-10-247-893-13	Sequence 13, App1	c1511	14.2	0.3	20	1	US-09-957-688A-11	Sequence 11, App1
c1439	14.2	0.3	19	1	US-10-098-816-15	Sequence 15, App1	c1512	14.2	0.3	20	1	US-09-957-688A-13	Sequence 13, App1
c1440	14.2	0.3	19	1	US-10-098-816-16	Sequence 16, App1	c1513	14.2	0.3	20	1	US-09-158-180-11	Sequence 11, App1
c1441	14.2	0.3	19	1	US-10-098-816-17	Sequence 17, App1	c1514	14.2	0.3	20	1	US-09-817-538-32	Sequence 32, App1
c1442	14.2	0.3	19	1	US-10-098-816-18	Sequence 18, App1	c1515	14.2	0.3	20	1	US-09-791-243-48	Sequence 48, App1
c1443	14.2	0.3	19	1	US-10-098-816-26	Sequence 26, App1	c1516	14.2	0.3	20	1	US-09-791-243-61	Sequence 61, App1
c1444	14.2	0.3	19	1	US-10-005-956-134	Sequence 134, App1	c1517	14.2	0.3	20	1	US-09-791-943-55	Sequence 55, App1
c1445	14.2	0.3	19	1	US-10-086-206-5	Sequence 5, App1	c1518	14.2	0.3	20	1	US-09-771-208-16	Sequence 16, App1
c1446	14.2	0.3	19	1	US-10-322-242-1	Sequence 1, App1	c1519	14.2	0.3	20	1	US-09-978-295A-21	Sequence 21, App1
c1447	14.2	0.3	19	1	US-10-320-646-12	Sequence 12, App1	c1520	14.2	0.3	20	1	US-09-832-621B-1	Sequence 1, App1
c1448	14.2	0.3	19	1	US-10-224-005-148	Sequence 148, App1	c1521	14.2	0.3	20	1	US-09-997-240-6	Sequence 6, App1
c1449	14.2	0.3	19	1	US-10-224-005-309	Sequence 309, App1	c1522	14.2	0.3	20	1	US-09-978-697-21	Sequence 21, App1
c1450	14.2	0.3	19	1	US-10-080-381B-61	Sequence 61, App1	c1523	14.2	0.3	20	1	US-09-978-192A-21	Sequence 21, App1
c1451	14.2	0.3	19	1	US-10-251-117-646	Sequence 646, App1	c1524	14.2	0.3	20	1	US-09-999-833A-21	Sequence 21, App1
c1452	14.2	0.3	19	1	US-10-251-117-953	Sequence 953, App1	c1525	14.2	0.3	20	1	US-09-978-189-21	Sequence 21, App1
c1453	14.2	0.3	19	1	US-10-225-023-474	Sequence 474, App1	c1526	14.2	0.3	20	1	US-09-774-809-32	Sequence 32, App1
c1454	14.2	0.3	19	1	US-10-225-023-641	Sequence 641, App1	c1527	14.2	0.3	20	1	US-09-898-361-147	Sequence 147, App1
c1455	14.2	0.3	19	1	US-10-225-023-1212	Sequence 1212, App1	c1528	14.2	0.3	20	1	US-09-876-233-31	Sequence 31, App1
c1456	14.2	0.3	19	1	US-10-225-023-1379	Sequence 1379, App1	c1529	14.2	0.3	20	1	US-09-824-328B-139	Sequence 139, App1
c1457	14.2	0.3	19	1	US-10-371-600-14	Sequence 14, App1	c1530	14.2	0.3	20	1	US-09-863-049A-48	Sequence 48, App1
c1458	14.2	0.3	19	1	US-10-170-172-16	Sequence 16, App1	c1531	14.2	0.3	20	1	US-09-779-155-56	Sequence 56, App1
c1459	14.2	0.3	19	1	US-10-205-309-325	Sequence 325, App1	c1532	14.2	0.3	20	1	US-09-880-313A-171	Sequence 171, App1
c1460	14.2	0.3	19	1	US-10-205-309-650	Sequence 650, App1	c1533	14.2	0.3	20	1	US-09-978-608A-21	Sequence 21, App1
c1461	14.2	0.3	19	1	US-10-331-109-33	Sequence 33, App1	c1534	14.2	0.3	20	1	US-09-865-866-111	Sequence 111, App1
c1462	14.2	0.3	19	1	US-10-187-975-262	Sequence 262, App1	c1535	14.2	0.3	20	1	US-09-988-466-57	Sequence 57, App1
c1463	14.2	0.3	19	1	US-10-429-229-39	Sequence 39, App1	c1536	14.2	0.3	20	1	US-09-978-588A-21	Sequence 21, App1
c1464	14.2	0.3	19	1	US-10-349-143-4635	Sequence 4635, App1	c1537	14.2	0.3	20	1	US-09-978-191A-21	Sequence 21, App1
c1465	14.2	0.3	19	1	US-10-349-143-7014	Sequence 7014, App1	c1538	14.2	0.3	20	1	US-09-978-403A-21	Sequence 21, App1
c1466	14.2	0.3	19	1	US-10-349-143-10242	Sequence 10242, App1	c1539	14.2	0.3	20	1	US-09-978-506A-21	Sequence 21, App1
c1467	14.2	0.3	19	1	US-10-349-143-11676	Sequence 11676, App1	c1540	14.2	0.3	20	1	US-09-948-002-15	Sequence 15, App1
c1468	14.2	0.3	19	1	US-10-359-328-5	Sequence 5, App1	c1541	14.2	0.3	20	1	US-09-844-653-114	Sequence 114, App1
c1469	14.2	0.3	19	1	US-10-359-328-26	Sequence 26, App1	c1542	14.2	0.3	20	1	US-09-944-161-7	Sequence 7, App1
c1470	14.2	0.3	19	1	US-10-444-925-146	Sequence 146, App1	c1543	14.2	0.3	20	1	US-09-949-833A-21	Sequence 21, App1
c1471	14.2	0.3	19	1	US-10-444-925-146	Sequence 146, App1	c1544	14.2	0.3	20	1	US-09-949-427-312	Sequence 312, App1
c1472	14.2	0.3	19	1	US-10-444-925-291	Sequence 291, App1	c1545	14.2	0.3	20	1	US-09-981-915A-21	Sequence 21, App1
c1473	14.2	0.3	19	1	US-10-406-705-63	Sequence 63, App1	c1546	14.2	0.3	20	1	US-09-978-824-21	Sequence 21, App1
c1474	14.2	0.3	19	1	US-10-206-705-248	Sequence 248, App1	c1547	14.2	0.3	20	1	US-09-918-588A-21	Sequence 21, App1
c1475	14.2	0.3	19	1	US-10-333-429-217	Sequence 217, App1	c1548	14.2	0.3	20	1	US-09-949-428-312	Sequence 312, App1
c1476	14.2	0.3	19	1	US-10-444-795B-224	Sequence 224, App1	c1549	14.2	0.3	20	1	US-09-999-833A-21	Sequence 21, App1
c1477	14.2	0.3	19	1	US-10-664-422-347	Sequence 347, App1	c1550	14.2	0.3	20	1	US-09-888-361-147	Sequence 147, App1
c1478	14.2	0.3	19	1	US-10-664-423-347	Sequence 347, App1	c1551	14.2	0.3	20	1	US-09-978-192A-21	Sequence 21, App1
c1479	14.2	0.3	19	1	US-10-387-346B-154	Sequence 154, App1	c1552	14.2	0.3	20	1	US-09-978-192A-21	Sequence 21, App1
c1480	14.2	0.3	19	1	US-10-605-498-88	Sequence 88, App1	c1553	14.2	0.3	20	1	US-09-999-833A-21	Sequence 21, App1
c1481	14.2	0.3	19	1	US-10-636-065-128	Sequence 128, App1	c1554	14.2	0.3	20	1	US-09-563-728A-21	Sequence 21, App1
c1482	14.2	0.3	19	1	US-10-665-951-117	Sequence 117, App1	c1555	14.2	0.3	20	1	US-09-978-757A-21	Sequence 21, App1
c1483	14.2	0.3	19	1	US-10-665-951-544	Sequence 544, App1	c1556	14.2	0.3	20	1	US-09-909-596-62	Sequence 62, App1
c1484	14.2	0.3	19	1	US-10-240-376A-61	Sequence 61, App1	c1557	14.2	0.3	20	1	US-09-920-671-17	Sequence 17, App1
c1485	14.2	0.3	19	1	US-10-232-923-9	Sequence 9, App1	c1558	14.2	0.3	20	1	US-09-920-671-51	Sequence 51, App1
c1486	14.2	0.3	19	1	US-10-232-923-9	Sequence 9, App1	c1559	14.2	0.3	20	1	US-09-919-197-59	Sequence 59, App1
c1487	14.2	0.3	19	1	US-10-731-739-336	Sequence 336, App1	c1560	14.2	0.3	20	1	US-09-917-963-79	Sequence 79, App1
c1488	14.2	0.3	19	1	US-10-327-598-814	Sequence 814, App1	c1561	14.2	0.3	20	1	US-09-920-033-80	Sequence 80, App1
c1489	14.2	0.3	20	1	US-10-175-492-38	Sequence 38, App1	c1562	14.2	0.3	20	1	US-09-899-440-7	Sequence 7, App1
c1490	14.2	0.3	20	1	US-10-175-492-116	Sequence 116, App1	c1563	14.2	0.3	20	1	US-09-845-042-15	Sequence 15, App1
c1491	14.2	0.3	20	1	US-08-983-605-300	Sequence 300, App1	c1564	14.2	0.3	20	1	US-09-967-668-31	Sequence 31, App1
c1492	14.2	0.3	20	1	US-09-808-358-7	Sequence 7, App1	c1565	14.2	0.3	20	1	US-09-978-187B-21	Sequence 21, App1
c1493	14.2	0.3	20	1	US-09-735-995-30	Sequence 30, App1	c1566	14.2	0.3	20	1	US-09-978-643A-21	Sequence 21, App1

1567	14.2	0.3	20	1	US-09-961-001-42	Sequence 42, Appl	c1640	14.2	0.3	20	1	US-10-143-028A-21	Sequence 21, Appl
c1568	14.2	0.3	20	1	US-09-961-001-52	Sequence 52, Appl	c1641	14.2	0.3	20	1	US-10-143-029A-21	Sequence 21, Appl
c1569	14.2	0.3	20	1	US-09-978-375A-21	Sequence 21, Appl	c1642	14.2	0.3	20	1	US-10-145-089A-21	Sequence 21, Appl
c1570	14.2	0.3	20	1	US-09-978-298A-21	Sequence 21, Appl	1643	14.2	0.3	20	1	US-10-032-585-5740	Sequence 4740, Ap
c1571	14.2	0.3	20	1	US-09-978-188A-21	Sequence 21, Appl	c1644	14.2	0.3	20	1	US-10-096-399A-40	Sequence 21, Appl
1572	14.2	0.3	20	1	US-09-846-863-66	Sequence 66, Appl	c1645	14.2	0.3	20	1	US-10-165-067A-21	Sequence 21, Appl
c1573	14.2	0.3	20	1	US-09-846-863-67	Sequence 67, Appl	1646	14.2	0.3	20	1	US-10-356-625-96	Sequence 96, Appl
c1574	14.2	0.3	20	1	US-09-750-609-22	Sequence 22, Appl	c1647	14.2	0.3	20	1	US-10-145-017A-21	Sequence 21, Appl
1575	14.2	0.3	20	1	US-09-843-377-45	Sequence 45, Appl	c1648	14.2	0.3	20	1	US-10-164-728A-21	Sequence 21, Appl
c1576	14.2	0.3	20	1	US-09-843-377-55	Sequence 55, Appl	c1649	14.2	0.3	20	1	US-10-013-926A-21	Sequence 21, Appl
c1577	14.2	0.3	20	1	US-09-851-871-216	Sequence 216, App	c1650	14.2	0.3	20	1	US-10-165-247A-21	Sequence 21, Appl
c1578	14.2	0.3	20	1	US-09-978-681A-21	Sequence 21, Appl	c1651	14.2	0.3	20	1	US-10-145-144A-21	Sequence 21, Appl
c1579	14.2	0.3	20	1	US-09-978-194A-21	Sequence 21, Appl	c1652	14.2	0.3	20	1	US-10-160-502A-21	Sequence 21, Appl
c1580	14.2	0.3	20	1	US-09-999-829A-21	Sequence 21, Appl	c1653	14.2	0.3	20	1	US-10-145-087A-21	Sequence 21, Appl
c1581	14.2	0.3	20	1	US-09-978-299A-21	Sequence 21, Appl	1654	14.2	0.3	20	1	US-10-430-156-78	Sequence 78, Appl
c1582	14.2	0.3	20	1	US-09-978-544A-21	Sequence 21, Appl	c1655	14.2	0.3	20	1	US-10-017-086A-21	Sequence 21, Appl
c1583	14.2	0.3	20	1	US-09-978-655A-21	Sequence 21, Appl	c1656	14.2	0.3	20	1	US-10-164-829A-21	Sequence 21, Appl
c1584	14.2	0.3	20	1	US-09-978-802A-21	Sequence 21, Appl	c1657	14.2	0.3	20	1	US-10-164-929A-21	Sequence 21, Appl
1585	14.2	0.3	20	1	US-09-960-143-87	Sequence 87, Appl	c1658	14.2	0.3	20	1	US-10-193-477-101	Sequence 101, App
c1586	14.2	0.3	20	1	US-09-960-143-87	Sequence 87, Appl	1659	14.2	0.3	20	1	US-10-193-477-101	Sequence 106, App
1587	14.2	0.3	20	1	US-09-999-831A-21	Sequence 21, Appl	c1660	14.2	0.3	20	1	US-10-193-477-106	Sequence 21, Appl
c1588	14.2	0.3	20	1	US-09-877-933-11	Sequence 11, Appl	c1661	14.2	0.3	20	1	US-10-013-922A-21	Sequence 21, Appl
c1589	14.2	0.3	20	1	US-10-045-721-6	Sequence 6, Appl	c1662	14.2	0.3	20	1	US-10-126-355-87	Sequence 21, Appl
1590	14.2	0.3	20	1	US-10-010-749-11	Sequence 11, Appl	c1663	14.2	0.3	20	1	US-10-020-445A-21	Sequence 21, Appl
c1591	14.2	0.3	20	1	US-10-060-301-22	Sequence 22, Appl	c1664	14.2	0.3	20	1	US-10-013-924A-21	Sequence 21, Appl
c1592	14.2	0.3	20	1	US-10-060-301-28	Sequence 28, Appl	c1665	14.2	0.3	20	1	US-10-017-084A-21	Sequence 21, Appl
c1593	14.2	0.3	20	1	US-10-023-610-56	Sequence 56, Appl	c1666	14.2	0.3	20	1	US-10-145-016A-21	Sequence 21, Appl
c1594	14.2	0.3	20	1	US-10-057-550-81	Sequence 81, Appl	c1667	14.2	0.3	20	1	US-10-145-088A-21	Sequence 21, Appl
c1595	14.2	0.3	20	1	US-10-017-081A-21	Sequence 21, Appl	c1668	14.2	0.3	20	1	US-10-145-092A-21	Sequence 21, Appl
c1596	14.2	0.3	20	1	US-10-167-749-21	Sequence 21, Appl	c1669	14.2	0.3	20	1	US-10-145-129A-21	Sequence 21, Appl
c1597	14.2	0.3	20	1	US-10-013-921A-21	Sequence 21, Appl	c1670	14.2	0.3	20	1	US-10-165-038A-21	Sequence 21, Appl
c1598	14.2	0.3	20	1	US-10-013-923A-21	Sequence 21, Appl	c1671	14.2	0.3	20	1	US-10-165-353A-21	Sequence 21, Appl
c1599	14.2	0.3	20	1	US-10-222-334-48	Sequence 48, Appl	c1672	14.2	0.3	20	1	US-10-167-600-21	Sequence 21, Appl
1598	14.2	0.3	20	1	US-10-222-334-48	Sequence 48, Appl	c1673	14.2	0.3	20	1	US-10-170-481A-21	Sequence 21, Appl
c1600	14.2	0.3	20	1	US-10-222-334-49	Sequence 49, Appl	c1674	14.2	0.3	20	1	US-10-172-039A-21	Sequence 21, Appl
c1601	14.2	0.3	20	1	US-10-016-177A-21	Sequence 21, Appl	c1675	14.2	0.3	20	1	US-10-210-028A-21	Sequence 21, Appl
1602	14.2	0.3	20	1	US-10-175-225-9	Sequence 9, Appl	c1676	14.2	0.3	20	1	US-10-017-085A-21	Sequence 21, Appl
c1603	14.2	0.3	20	1	US-10-181-107-159	Sequence 159, App	c1677	14.2	0.3	20	1	US-10-013-916A-21	Sequence 21, Appl
c1604	14.2	0.3	20	1	US-10-181-846-51	Sequence 51, Appl	c1678	14.2	0.3	20	1	US-10-148-835-74	Sequence 74, Appl
c1605	14.2	0.3	20	1	US-10-016-149-68	Sequence 68, Appl	c1679	14.2	0.3	20	1	US-10-148-835-66	Sequence 86, Appl
c1606	14.2	0.3	20	1	US-10-166-709A-21	Sequence 21, Appl	c1680	14.2	0.3	20	1	US-10-143-026B-21	Sequence 21, Appl
c1607	14.2	0.3	20	1	US-10-007-078-13	Sequence 13, Appl	1679	14.2	0.3	20	1	US-10-143-026B-21	Sequence 21, Appl
c1608	14.2	0.3	20	1	US-10-188-404-27	Sequence 27, Appl	c1681	14.2	0.3	20	1	US-10-013-918A-21	Sequence 21, Appl
c1609	14.2	0.3	20	1	US-10-188-404-28	Sequence 28, Appl	c1682	14.2	0.3	20	1	US-10-162-521A-21	Sequence 21, Appl
c1610	14.2	0.3	20	1	US-10-188-404-29	Sequence 29, Appl	c1683	14.2	0.3	20	1	US-10-144-140-14	Sequence 14, Appl
c1611	14.2	0.3	20	1	US-10-188-404-30	Sequence 30, Appl	c1684	14.2	0.3	20	1	US-10-144-140-14	Sequence 14, Appl
1612	14.2	0.3	20	1	US-10-188-404-63	Sequence 63, Appl	1685	14.2	0.3	20	1	US-10-181-874-27	Sequence 27, Appl
c1613	14.2	0.3	20	1	US-10-337-321-20	Sequence 20, Appl	c1686	14.2	0.3	20	1	US-10-013-928A-21	Sequence 21, Appl
1614	14.2	0.3	20	1	US-10-003-919-29	Sequence 29, Appl	c1687	14.2	0.3	20	1	US-10-162-552A-21	Sequence 21, Appl
c1615	14.2	0.3	20	1	US-10-003-919-57	Sequence 57, Appl	1688	14.2	0.3	20	1	US-10-147-196-80	Sequence 80, Appl
c1616	14.2	0.3	20	1	US-10-279-186-15	Sequence 15, Appl	1689	14.2	0.3	20	1	US-10-147-196-80	Sequence 142, App
c1617	14.2	0.3	20	1	US-10-232-561-3	Sequence 3, Appl	c1690	14.2	0.3	20	1	US-10-380-931-142	Sequence 142, App
c1618	14.2	0.3	20	1	US-10-143-031A-21	Sequence 21, Appl	c1691	14.2	0.3	20	1	US-10-013-923A-21	Sequence 21, Appl
c1619	14.2	0.3	20	1	US-10-020-478-23	Sequence 23, Appl	c1692	14.2	0.3	20	1	US-10-013-925A-21	Sequence 21, Appl
c1620	14.2	0.3	20	1	US-10-033-742-11	Sequence 11, Appl	c1693	14.2	0.3	20	1	US-10-013-927A-21	Sequence 21, Appl
c1621	14.2	0.3	20	1	US-10-024-336-86	Sequence 86, Appl	1694	14.2	0.3	20	1	US-10-055-624B-15	Sequence 15, Appl
c1622	14.2	0.3	20	1	US-10-143-030A-21	Sequence 21, Appl	1695	14.2	0.3	20	1	US-10-284-559-13	Sequence 13, Appl
c1623	14.2	0.3	20	1	US-10-102-967A-21	Sequence 21, Appl	1696	14.2	0.3	20	1	US-10-146-860-76	Sequence 76, Appl
c1624	14.2	0.3	20	1	US-10-017-083A-21	Sequence 21, Appl	1697	14.2	0.3	20	1	US-10-360-510-121	Sequence 120, App
c1625	14.2	0.3	20	1	US-10-367-724-5	Sequence 5, Appl	1698	14.2	0.3	20	1	US-10-360-510-121	Sequence 121, App
c1626	14.2	0.3	20	1	US-10-367-724-5	Sequence 5, Appl	1699	14.2	0.3	20	1	US-10-349-607-64	Sequence 64, Appl
1627	14.2	0.3	20	1	US-10-051-819B-17	Sequence 17, App	1700	14.2	0.3	20	1	US-10-160-497-28	Sequence 28, Appl
c1628	14.2	0.3	20	1	US-10-083-246A-149	Sequence 149, App	1701	14.2	0.3	20	1	US-10-160-497-28	Sequence 99, Appl
c1629	14.2	0.3	20	1	US-10-145-128A-21	Sequence 21, Appl	c1702	14.2	0.3	20	1	US-10-161-996-137	Sequence 137, App
c1630	14.2	0.3	20	1	US-10-376-566-35	Sequence 35, Appl	1703	14.2	0.3	20	1	US-10-162-846-39	Sequence 257, Appl
1631	14.2	0.3	20	1	US-10-376-566-35	Sequence 35, Appl	c1704	14.2	0.3	20	1	US-10-162-846-39	Sequence 39, Appl
1632	14.2	0.3	20	1	US-10-251-210-40	Sequence 40, Appl	c1705	14.2	0.3	20	1	US-10-162-846-109	Sequence 109, App
c1633	14.2	0.3	20	1	US-10-127-653-4	Sequence 4, Appl	c1706	14.2	0.3	20	1	US-10-161-983-16	Sequence 16, Appl
c1634	14.2	0.3	20	1	US-10-017-191A-21	Sequence 21, Appl	c1707	14.2	0.3	20	1	US-10-161-983-53	Sequence 53, Appl
c1635	14.2	0.3	20	1	US-10-091-625-40	Sequence 40, Appl	1708	14.2	0.3	20	1	US-10-348-750-28	Sequence 28, Appl
1636	14.2	0.3	20	1	US-10-251-598-58	Sequence 0, Appl	c1709	14.2	0.3	20	1	US-10-348-750-99	Sequence 99, Appl
1637	14.2	0.3	20	1	US-10-142-666-82	Sequence 82, Appl	1710	14.2	0.3	20	1	US-10-388-263-410	Sequence 410, App
1638	14.2	0.3	20	1	US-10-302-279-64	Sequence 64, Appl	1711	14.2	0.3	20	1	US-10-388-263-616	Sequence 616, App
1639	14.2	0.3	20	1	US-10-305-810-34	Sequence 34, Appl	c1712	14.2	0.3	20	1	US-10-104-047-4028	Sequence 4028, Ap
					US-10-407-461-7	Sequence 7, Appl						US-10-277-216-128	Sequence 128, App

1713	14.2	0.3	20	1	US-10-174-014-50	Sequence 50, Appl
1714	14.2	0.3	20	1	US-10-174-014-73	Sequence 73, Appl
1715	14.2	0.3	20	1	US-10-145-093A-21	Sequence 21, Appl
1716	14.2	0.3	20	1	US-10-349-143-4755	Sequence 4755, Ap
1717	14.2	0.3	20	1	US-10-349-143-7052	Sequence 7052, Ap
1718	14.2	0.3	20	1	US-10-013-919A-21	Sequence 21, Appl
1719	14.2	0.3	20	1	US-10-289-762-1907	Sequence 1907, Ap
1720	14.2	0.3	20	1	US-10-289-762-4382	Sequence 4382, Ap
1721	14.2	0.3	20	1	US-10-289-762-4475	Sequence 4475, Ap
1722	14.2	0.3	20	1	US-10-289-762-4578	Sequence 4578, Ap
1723	14.2	0.3	20	1	US-10-289-762-5536	Sequence 5536, Ap
1724	14.2	0.3	20	1	US-10-289-762-6307	Sequence 6307, Ap
1725	14.2	0.3	20	1	US-10-289-762-6456	Sequence 6456, Ap
1726	14.2	0.3	20	1	US-10-289-762-6599	Sequence 6599, Ap
1727	14.2	0.3	20	1	US-10-013-920A-21	Sequence 21, Appl
1728	14.2	0.3	20	1	US-10-352-179-19	Sequence 19, Appl
1729	14.2	0.3	20	1	US-10-162-335-138	Sequence 138, Appl
1730	14.2	0.3	20	1	US-10-162-335-139	Sequence 139, Appl
1731	14.2	0.3	20	1	US-10-447-136-113	Sequence 113, Appl
1732	14.2	0.3	20	1	US-10-199-675-55	Sequence 55, Appl
1733	14.2	0.3	20	1	US-10-199-675-101	Sequence 101, Appl
1734	14.2	0.3	20	1	US-10-262-445-70	Sequence 70, Appl
1735	14.2	0.3	20	1	US-10-262-445-90	Sequence 90, Appl
1736	14.2	0.3	20	1	US-10-262-445-103	Sequence 103, Appl
1737	14.2	0.3	20	1	US-10-203-398A-6	Sequence 6, Appl
1738	14.2	0.3	20	1	US-10-455-229-17	Sequence 17, Appl
1739	14.2	0.3	20	1	US-10-398-006-27	Sequence 27, Appl
1740	14.2	0.3	20	1	US-10-126-022-128	Sequence 128, Appl
1741	14.2	0.3	20	1	US-10-212-848-56	Sequence 56, Appl
1742	14.2	0.3	20	1	US-10-210-479-32	Sequence 32, Appl
1743	14.2	0.3	20	1	US-10-212-993-64	Sequence 64, Appl
1744	14.2	0.3	20	1	US-10-212-993-117	Sequence 117, Appl
1745	14.2	0.3	20	1	US-10-444-206-216	Sequence 216, Appl
1746	14.2	0.3	20	1	US-10-164-749A-21	Sequence 21, Appl
1747	14.2	0.3	20	1	US-10-215-448-71	Sequence 71, Appl
1748	14.2	0.3	20	1	US-10-345-444B-32	Sequence 32, Appl
1749	14.2	0.3	20	1	US-10-398-101-10	Sequence 10, Appl
1750	14.2	0.3	20	1	US-10-092-900A-468	Sequence 468, Appl
1751	14.2	0.3	20	1	US-10-665-216-31	Sequence 31, Appl
1752	14.2	0.3	20	1	US-10-037-417-179	Sequence 179, Appl
1753	14.2	0.3	20	1	US-10-633-163-15	Sequence 15, Appl
1754	14.2	0.3	20	1	US-10-013-917A-21	Sequence 21, Appl
1755	14.2	0.3	20	1	US-10-632-426-11	Sequence 11, Appl
1756	14.2	0.3	20	1	US-10-189-818B-28	Sequence 28, Appl
1757	14.2	0.3	20	1	US-10-296-242-16	Sequence 16, Appl
1758	14.2	0.3	20	1	US-10-272-810-71	Sequence 71, Appl
1759	14.2	0.3	20	1	US-10-273-070-71	Sequence 71, Appl
1760	14.2	0.3	20	1	US-10-696-708-30	Sequence 30, Appl
1761	14.2	0.3	20	1	US-10-280-183A-259	Sequence 259, Appl
1762	14.2	0.3	20	1	US-10-300-263-61	Sequence 61, Appl
1763	14.2	0.3	20	1	US-10-300-263-130	Sequence 130, Appl
1764	14.2	0.3	20	1	US-10-300-424-74	Sequence 74, Appl
1765	14.2	0.3	20	1	US-10-299-089-66	Sequence 66, Appl
1766	14.2	0.3	20	1	US-10-299-089-130	Sequence 130, Appl
1767	14.2	0.3	20	1	US-10-300-399-22	Sequence 22, Appl
1768	14.2	0.3	20	1	US-10-300-399-100	Sequence 100, Appl
1769	14.2	0.3	20	1	US-10-303-165-69	Sequence 69, Appl
1770	14.2	0.3	20	1	US-10-303-165-137	Sequence 137, Appl
1771	14.2	0.3	20	1	US-10-304-116-38	Sequence 38, Appl
1772	14.2	0.3	20	1	US-10-304-116-107	Sequence 107, Appl
1773	14.2	0.3	20	1	US-10-302-028-19	Sequence 19, Appl
1774	14.2	0.3	20	1	US-10-304-111-35	Sequence 35, Appl
1775	14.2	0.3	20	1	US-10-688-706-976	Sequence 976, Appl
1776	14.2	0.3	20	1	US-10-688-706-1274	Sequence 1274, Ap
1777	14.2	0.3	20	1	US-10-688-706-2467	Sequence 2467, Ap
1778	14.2	0.3	20	1	US-10-688-706-2908	Sequence 2908, Ap
1779	14.2	0.3	20	1	US-10-304-113-42	Sequence 42, Appl
1780	14.2	0.3	20	1	US-10-304-113-120	Sequence 120, Appl
1781	14.2	0.3	20	1	US-10-648-593-396	Sequence 396, Appl
1782	14.2	0.3	20	1	US-10-315-765-54	Sequence 54, Appl
1783	14.2	0.3	20	1	US-10-316-231-52	Sequence 52, Appl
1784	14.2	0.3	20	1	US-10-316-231-124	Sequence 124, Appl
1785	14.2	0.3	20	1	US-10-316-459-82	Sequence 82, Appl

  

1786	14.2	0.3	20	1	US-10-316-459-160	Sequence 160, Appl
1787	14.2	0.3	20	1	US-10-316-755-49	Sequence 49, Appl
1788	14.2	0.3	20	1	US-10-316-755-135	Sequence 125, Appl
1789	14.2	0.3	20	1	US-10-316-755-198	Sequence 198, Appl
1790	14.2	0.3	20	1	US-10-317-271A-72	Sequence 72, Appl
1791	14.2	0.3	20	1	US-10-317-271A-77	Sequence 77, Appl
1792	14.2	0.3	20	1	US-10-317-271A-148	Sequence 148, Appl
1793	14.2	0.3	20	1	US-10-317-280-20	Sequence 20, Appl
1794	14.2	0.3	20	1	US-10-317-280-96	Sequence 96, Appl
1795	14.2	0.3	20	1	US-10-316-389-20	Sequence 20, Appl
1796	14.2	0.3	20	1	US-10-316-389-94	Sequence 94, Appl
1797	14.2	0.3	20	1	US-10-415-463-55	Sequence 55, Appl
1798	14.2	0.3	20	1	US-10-222-679-1	Sequence 1, Appl
1799	14.2	0.3	20	1	US-10-319-893-55	Sequence 55, Appl
1800	14.2	0.3	20	1	US-10-319-893-110	Sequence 110, Appl
1801	14.2	0.3	20	1	US-10-303-558-6	Sequence 6, Appl
1802	14.2	0.3	20	1	US-10-316-515-34	Sequence 34, Appl
1803	14.2	0.3	20	1	US-10-316-515-64	Sequence 64, Appl
1804	14.2	0.3	20	1	US-10-467-008-56	Sequence 56, Appl
1805	14.2	0.3	20	1	US-10-381-908-16	Sequence 16, Appl
1806	14.2	0.3	20	1	US-10-381-908-34	Sequence 34, Appl
1807	14.2	0.3	20	1	US-10-671-395-95	Sequence 95, Appl
1808	14.2	0.3	20	1	US-10-671-395-110	Sequence 110, Appl
1809	14.2	0.3	20	1	US-10-671-395-466	Sequence 466, Appl
1810	14.2	0.3	20	1	US-10-671-395-654	Sequence 654, Appl
1811	14.2	0.3	20	1	US-10-671-395-958	Sequence 958, Appl
1812	14.2	0.3	20	1	US-10-671-395-1064	Sequence 1064, Appl
1813	14.2	0.3	20	1	US-10-671-395-1115	Sequence 1115, Appl
1814	14.2	0.3	20	1	US-10-671-395-1157	Sequence 1157, Appl
1815	14.2	0.3	20	1	US-10-671-395-1173	Sequence 1173, Appl
1816	14.2	0.3	20	1	US-10-671-395-1273	Sequence 1273, Appl
1817	14.2	0.3	20	1	US-10-671-395-1519	Sequence 1519, Appl
1818	14.2	0.3	20	1	US-10-728-399-87	Sequence 87, Appl
1819	14.2	0.3	20	1	US-10-728-399-141	Sequence 141, Appl
1820	14.2	0.3	20	1	US-10-673-888A-10	Sequence 10, Appl
1821	14.2	0.3	20	1	US-10-337-231-20	Sequence 20, Appl
1822	14.2	0.3	20	1	US-10-652-795-139	Sequence 139, Appl
1823	14.2	0.3	20	1	US-10-647-918-139	Sequence 139, Appl
1824	14.2	0.3	20	1	US-10-819-244-45	Sequence 45, Appl
1825	14.2	0.3	20	1	US-10-819-244-55	Sequence 55, Appl
1826	14.2	0.3	20	1	US-10-619-733-531	Sequence 531, Appl
1827	14.2	0.3	20	1	US-10-175-608-32	Sequence 32, Appl
1828	14.2	0.3	20	1	US-10-175-608-33	Sequence 33, Appl
1829	14.2	0.3	20	1	US-10-723-552-71	Sequence 71, Appl
1830	14.2	0.3	20	1	US-10-394-808-97	Sequence 97, Appl
1831	14.2	0.3	20	1	US-10-394-808-152	Sequence 152, Appl
1832	14.2	0.3	20	1	US-10-835-208-59	Sequence 59, Appl

  

RESULT 1  
 US-10-131-827-502  
 ; Sequence 502, Application US/10131827  
 ; Publication No. US20040009479A1  
 GENERAL INFORMATION:  
 APPLICANT: Wohlgemuth, Jay  
 APPLICANT: FTY, Kirk  
 APPLICANT: Woodward, Robert  
 APPLICANT: Lv, Ngoc  
 TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES  
 FILE REFERENCE: 50661200120  
 CURRENT APPLICATION NUMBER: US/10/131, 827  
 PRIOR FILING DATE: 2002-09-06  
 PRIOR APPLICATION NUMBER: US 10/006, 290  
 PRIOR FILING DATE: 2001-10-22  
 PRIOR APPLICATION NUMBER: US 60/296, 764  
 NUMBER OF SEQ ID NOS: 9090  
 SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 502

LENGTH: 50  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-131-827-502

Query Match 0.9%; Score 50; DB 1; Length 50;  
Best Local Similarity 100.0%; Pred. No. 0.0019;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5148 AACCATTTGCTCTGCTGTGTACAGAGGTGAGCCCAAAATTGGGGTTTC 5197  
Db 1 AACCATTTGCTCTGCTGTGTGTACAGAGGTGAGCCCAAAATTGGGGTTTC 50

RESULT 2  
US-10-131-827-3210  
Sequence 3210, Application US/10131827  
Publication No. US20040009479A1  
GENERAL INFORMATION:  
APPLICANT: Wohlgenuth, Jay  
APPLICANT: Fry, Kirk  
APPLICANT: Woodward, Robert

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE  
TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES  
FILE REFERENCE: 506612000120  
CURRENT APPLICATION NUMBER: US/10/131,827  
CURRENT FILING DATE: 2002-09-06  
PRIOR FILING DATE: 2001-10-22  
PRIOR APPLICATION NUMBER: US 10/006,290  
PRIOR FILING DATE: 2001-10-22  
PRIOR APPLICATION NUMBER: US 60/296,764  
NUMBER OF SEQ ID NOS: 9090  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3210  
LENGTH: 50  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-131-827-3210

Query Match 0.9%; Score 50; DB 1; Length 50;  
Best Local Similarity 100.0%; Pred. No. 0.0019;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5160 CTGGCTGTGTACAGAGGTGAGCCCAAAATTGGGGTTTCAGCTGGAGGC 5209  
Db 1 CTGGCTGTGTACAGAGGTGAGCCCAAAATTGGGGTTTCAGCTGGAGGC 50

RESULT 3  
US-10-131-827-3470  
Sequence 3470, Application US/10131827  
Publication No. US20040009479A1  
GENERAL INFORMATION:  
APPLICANT: Wohlgenuth, Jay  
APPLICANT: Fry, Kirk  
APPLICANT: Woodward, Robert

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE  
TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES  
FILE REFERENCE: 506612000120  
CURRENT APPLICATION NUMBER: US/10/131,827  
CURRENT FILING DATE: 2002-09-06  
PRIOR FILING DATE: 2001-10-22  
PRIOR APPLICATION NUMBER: US 10/006,290  
PRIOR FILING DATE: 2001-10-22  
PRIOR APPLICATION NUMBER: US 60/296,764  
NUMBER OF SEQ ID NOS: 9090  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3470  
LENGTH: 50  
TYPE: DNA  
ORGANISM: Homo sapiens

US-10-131-827-3470

Query Match 0.9%; Score 50; DB 1; Length 50;  
Best Local Similarity 100.0%; Pred. No. 0.0019;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5160 CTGGCTGTGTACAGAGGTGAGCCCAAAATTGGGGTTTCAGCTGGAGGC 5209  
Db 1 CTGGCTGTGTACAGAGGTGAGCCCAAAATTGGGGTTTCAGCTGGAGGC 50

RESULT 4  
US-10-131-827-7915  
Sequence 7915, Application US/10131827  
Publication No. US20040009479A1  
GENERAL INFORMATION:  
APPLICANT: Wohlgenuth, Jay  
APPLICANT: Fry, Kirk  
APPLICANT: Woodward, Robert

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE  
TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES  
FILE REFERENCE: 506612000120  
CURRENT APPLICATION NUMBER: US/10/131,827  
CURRENT FILING DATE: 2002-09-06  
PRIOR FILING DATE: 2001-10-22  
PRIOR APPLICATION NUMBER: US 10/006,290  
PRIOR FILING DATE: 2001-10-22  
PRIOR APPLICATION NUMBER: US 60/296,764  
NUMBER OF SEQ ID NOS: 9090  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 7915  
LENGTH: 50  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-131-827-7915

Query Match 0.9%; Score 50; DB 1; Length 50;  
Best Local Similarity 100.0%; Pred. No. 0.0019;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5131 GAATGAGGAGGACATGGAACCATTTGCTGTGTGTACAGAGGTGAG 5180  
Db 1 GAATGAGGAGGACATGGAACCATTTGCTGTGTGTACAGAGGTGAG 50

RESULT 5  
US-09-956-712-6  
Sequence 6, Application US/09956712  
Publication No. US20030092648A1  
GENERAL INFORMATION:  
APPLICANT: Susan M. Freier  
APPLICANT: C. Frank Bennett

TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
FILE REFERENCE: RFS-0326  
CURRENT APPLICATION NUMBER: US/09/956,712  
CURRENT FILING DATE: 2001-09-19  
NUMBER OF SEQ ID NOS: 91  
SEQ ID NO 6  
LENGTH: 33  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR Probe  
US-09-956-712-6

Query Match 0.6%; Score 33; DB 1; Length 33;  
Best Local Similarity 100.0%; Pred. No. 1.1;  
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1486 CTGATACCAAGAACTCGCATGTGCTACTG 1518  
Db 1 CTGATACCAAGAACTCGCATGTGCTACTG 33

```
RESULT 6
US-10-633-913-6
; Sequence 6, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 6
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-633-913-6

Query Match          0.4%; Score 33; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1486 CTGATACCCAGAACCTGCTGATGATCTG 1518
DB      1   CTGATACCCAGAACCTGCTGATGATCTG 33

RESULT 7
US-10-407-818-1/c
; Sequence 1, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABANI, ELAZAR
; APPLICANT: STAVRINOPOULOS, JANNIS G.
; APPLICANT: DONEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: ENZ-65
; CURRENT APPLICATION NUMBER: US/10/407,818
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic oligonucleotide
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-407-818-1

Query Match          0.4%; Score 23.4; DB 1; Length 33;
Best Local Similarity 81.8%; Pred. No. 45;
Matches 27; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAAAAATGAAAAATAA 5425
DB      33 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 8
US-09-956-712-4
; Sequence 4, Application US/09956712
; Publication No. US20030092648A1
```

```
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-956-712-4

Query Match          0.4%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1432 GTGAGAGAAATCGAGACATT 1454
DB      1   GTGAGAGAAATCGAGACATT 23

RESULT 9
US-10-633-913-4
; Sequence 4, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-633-913-4

Query Match          0.4%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1432 GTGAGAGAAATCGAGACATT 1454
DB      1   GTGAGAGAAATCGAGACATT 23

RESULT 10
US-10-108-969-8/c
; Sequence 8, Application US/10108969
; Publication No. US20030198959A1
; GENERAL INFORMATION:
; APPLICANT: Kurita, David M.
; TITLE OF INVENTION: Methods and Compositions for Analysis of Urine Samples in the Dia
; TITLE OF INVENTION: and Treatment of Kidney Diseases
; FILE REFERENCE: 65988-0001
; CURRENT APPLICATION NUMBER: US/10/108,969
; CURRENT FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
FEATURE:
; OTHER INFORMATION: Human beta-actin reverse primer
US-10-108-969-8

Query Match          0.4%; Score 23; DB 1; Length 32;
Best Local Similarity 83.9%; Pred. No. 51;
Matches 26; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 TTTAAAAATACAAAAAGAAAAATGAAATTA 5421
Db 31 TTTAAAAATACAAAAAGAAAAATGAAATTA 1

RESULT 11
US-10-371-600-2/c
; Sequence 2, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-2

Query Match          0.4%; Score 22.4; DB 1; Length 32;
Best Local Similarity 81.2%; Pred. No. 65;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAATGAAATTA 5424
Db 32 AAAAAATACAAAAAGAAAAATGAAATTA 1

RESULT 12
US-10-371-600-9
; Sequence 9, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-9
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```
Query Match          0.4%; Score 22.4; DB 1; Length 32;
Best Local Similarity 81.2%; Pred. No. 65;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAATGAAATTA 5424
Db 1 AAAAAATACAAAAAGAAAAATGAAATTA 32

RESULT 13
US-10-371-600-10/c
; Sequence 10, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-10

Query Match          0.4%; Score 22.4; DB 1; Length 32;
Best Local Similarity 81.2%; Pred. No. 65;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAATGAAATTA 5424
Db 32 AAAAAATACAAAAAGAAAAATGAAATTA 1

RESULT 14
US-09-956-712-5/c
; Sequence 5, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-956-712-5

Query Match          0.4%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1531 GGAATTGGGAAGTCAACACTGG 1552
Db 22 GGAATTGGGAAGTCAACACTGG 1
```



```
RESULT 15
US-10-633-913-5/c
; Sequence 5, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preleer
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: R15-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-633-913-5

Query Match          0.4%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1531 GGAATTGGAGAGTCAACTGG 1552
DB      22  GGAATTGGAGAGTCAACTGG 1

RESULT 16
US-09-388-221-16/c
; Sequence 16, Application US/09388221A
; Publication No. US20020192643A1
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; TITLE OF INVENTION: No. US20020192643A1 Card Proteins Involved in Cell Death Regul
; FILE REFERENCE: P-LJ 3650
; CURRENT APPLICATION NUMBER: US/09/388,221A
; CURRENT FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-388-221-16

Query Match          0.4%; Score 22; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 72;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3891 GACCGTGGAGATTGAATTGTGT 3912
DB      30  GACCGTGGAGATTGAATTGTGT 9

RESULT 17
US-09-388-221-15
; Sequence 15, Application US/09388221A
; Publication No. US20020192643A1
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; TITLE OF INVENTION: No. US20020192643A1 Card Proteins Involved in Cell Death Regul
; FILE REFERENCE: P-LJ 3650
; CURRENT APPLICATION NUMBER: US/09/388,221A
; CURRENT FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SEQ ID NO 15
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-388-221-15

Query Match          0.4%; Score 22; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 74;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1498 GAACCTGCATAGTCATCTGC 1519
DB      10  GAACCTGCATAGTCATCTGC 31

RESULT 18
US-10-131-827-3210/c
; Sequence 3210, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3210
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-3210

Query Match          0.4%; Score 22; DB 1; Length 50;
Best Local Similarity 73.7%; Pred. No. 97;
Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY      5169 TCACAGGGTGAAGCCCAAAATTGGGGTTCAAGCGTGGGA 5206
DB      47  TCACAGGGTGAAGCCCAAAATTGGGGCTCACCGCTGTGA 10

RESULT 19
US-10-131-827-3470/c
; Sequence 3470, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3470
```

LENGTH: 50  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-131-827-3470

Query Match 0.4%; Score 22; DB 1; Length 50;  
Best Local Similarity 73.7%; Pred. No. 97;  
Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

OY 5169 TCACAGGCTGAGCCCAAAATTTGGCTCAGCGTGGGA 5206  
DB 47 TCCACGCTGAACCCCAATTTGGGCTCACCCCTGTGA 10

RESULT 20  
US-10-309-775A-74/C  
Sequence 74, Application US/10309775A  
Publication No. US2004006032A1  
GENERAL INFORMATION:  
APPLICANT: LOPEZ, Ricardo A.  
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
FILE REFERENCE: 2901/0M327  
CURRENT FILING DATE: 2002-12-04  
PRIOR APPLICATION NUMBER: CA 2,388,049  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 74  
LENGTH: 28  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-10-309-775A-74

Query Match 0.4%; Score 21.6; DB 1; Length 28;  
Best Local Similarity 85.7%; Pred. No. 81;  
Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5394 AAAAAATACAAAAAGAAAAATGAAAA 5421  
DB 28 AAAAAAAAAAAAAAAAACAAAATGAAAA 1

RESULT 21  
US-09-388-221-17  
Sequence 17, Application US/09388221A  
Publication No. US20020192643A1  
GENERAL INFORMATION:  
APPLICANT: Reed, John C.  
TITLE OF INVENTION: No. US20020192643A1 Card Proteins Involved in Cell Death Regul  
FILE REFERENCE: P-IJ 3650  
CURRENT APPLICATION NUMBER: US/09/388,221A  
CURRENT FILING DATE: 1999-09-01  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 17  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-388-221-17

Query Match 0.4%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 3873 TGTGATGAGAGAGCGGTGAC 3893  
DB 1 TGTGATGAGAGAGCGGTGAC 21

RESULT 22

US-10-407-818-2/C  
Sequence 2, Application US/10407818  
Publication No. US20040198971A1  
GENERAL INFORMATION:  
APPLICANT: RABRANT, BLAZAR  
APPLICANT: STAVRINOPOULOS, JANNIS G.  
TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES  
FILE REFERENCE: ENZ-65  
CURRENT APPLICATION NUMBER: US/10/407,818  
CURRENT FILING DATE: 2003-04-03  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 2  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:  
OTHER INFORMATION: Synthetic oligonucleotide  
OTHER INFORMATION: oligonucleotide  
FEATURE:  
OTHER INFORMATION: 3'-amidated  
US-10-407-818-2

Query Match 0.4%; Score 21; DB 1; Length 29;  
Best Local Similarity 82.8%; Pred. No. 1e+02;  
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 5393 AAAAAATACAAAAAGAAAAATGAAAA 5421  
DB 29 AAAAAAAAAAAAAAAAACAAAATGAAAA 1

RESULT 23  
US-09-388-221-18/C  
Sequence 18, Application US/09388221A  
Publication No. US20020192643A1  
GENERAL INFORMATION:  
APPLICANT: Reed, John C.  
TITLE OF INVENTION: No. US20020192643A1 Card Proteins Involved in Cell Death Regul  
FILE REFERENCE: P-IJ 3650  
CURRENT APPLICATION NUMBER: US/09/388,221A  
CURRENT FILING DATE: 1999-09-01  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 18  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-388-221-18

Query Match 0.4%; Score 21; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 1.1e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4847 GCTTGGCTGACCCCTTTTG 4867  
DB 30 GCTTGGCTGACCCCTTTTG 10

RESULT 24  
US-09-880-727-10  
Sequence 10, Application US/09880727  
Publication No. US20030064364A1  
GENERAL INFORMATION:  
APPLICANT: Lockhart, David J.  
Chee, Mark

```

Gundereson, Kevin
Chaoqiang, Lai
Wodicks, Lisa
Cronin, Maureen T.
Lee, Danny
Tran, Huu M.
Matsumaki, Hajime
McGall, Glenn H.

TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: Joe Liebeschuetz
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3634

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/880,727
FILING DATE: 13-JUN-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/882,649
FILING DATE: <Unknown>
APPLICATION NUMBER: US 60/035,170
FILING DATE: 09-JAN-1997
APPLICATION NUMBER: PCT/US97/01603
FILING DATE: 22-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-019410US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
FEATURES: (1x)
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-880-727-10

Query Match 0.44; Score 21; DB 1; Length 30;
Best Local Similarity 82.84; Prod. No. 1.1e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Cy 5393 AAAAAAAAAACAAAAAGAAAAATGAAAA 5421
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 25
US-10-042-193A-1/c
Sequence 1, Application US/10042193A
Publication No. US20020192670A1
GENERAL INFORMATION:
APPLICANT: TAKONAGA, TAKUMI
APPLICANT: ISHIGURO, TAKAHITO
TITLE OF INVENTION: NOVEL FLUORESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
FILE REFERENCE: 218077US0
CURRENT APPLICATION NUMBER: US/10/042,193A
CURRENT FILING DATE: 2002-01-11

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; PRIOR APPLICATION NUMBER: JP 2001-003432
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-042-193A-1

Query Match          0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 1,1e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
    ||||| ||||| ||||| ||||| |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 27
US-10-314-578-1094/C
; Sequence 1094, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetler, Christian
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145

```

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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1094
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1094

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 28
US-10-314-578-1095
; Sequence 1095, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1095
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1095

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAAA 5421
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 29
US-10-380-584-115/c
; Sequence 115, Application US/10380584
; Publication No. US20040014088A1
; GENERAL INFORMATION:
; APPLICANT: Utermohlen, Joseph
; APPLICANT: Comaughon, John
; TITLE OF INVENTION: Oligonucleotide Sequence Formula for Labeling Oligonucleotide Pro
; TITLE OF INVENTION: Proteins for In Situ Analysis
; FILE REFERENCE: 355/001/PCT
; CURRENT APPLICATION NUMBER: US/10/380,584
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: 60/233,177
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 126
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 115
; LENGTH: 30
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide probe
US-10-380-584-115

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 30
US-10-472-055-2/c
; Sequence 2, Application US/10472055
; Publication No. US20040161764A1
; GENERAL INFORMATION:
; APPLICANT: GABERT, JEAN
; APPLICANT: BEILLARD, EMMANUEL
; TITLE OF INVENTION: PREPARATION OF CALIBRANTS AND THEIR USE IN THE
; TITLE OF INVENTION: QUANTIFICATION OF NUCLEOTIDE SEQUENCES OF INTEREST
; FILE REFERENCE: 1330-03
; CURRENT APPLICATION NUMBER: US/10/472,055
; CURRENT FILING DATE: 2003-09-15
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-472-055-2

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 31
US-10-373-612A-4
; Sequence 4, Application US/10373612A
; Publication No. US20040126771A1
; GENERAL INFORMATION:
; APPLICANT: GUO, PEIXUAN
; APPLICANT: HOEBRICH, STEPHEN M.
; APPLICANT: SHU, DAN
; TITLE OF INVENTION: PRNA CHIMERA
; FILE REFERENCE: 290,00040120
; CURRENT APPLICATION NUMBER: US/10/373,612A
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: 60/433,697
; PRIOR FILING DATE: 2002-12-16
; PRIOR APPLICATION NUMBER: PCT/US01/26333
; PRIOR FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: 60/227,393
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 4
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
```

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/ OTHER INFORMATION: oligonucleotide portion of U7 snRNA substrate
US-10-373-612A-4

Query Match          0.4%; Score 20.8; DB 1; Length 24;
Best Local Similarity 50.0%; Pred. No. 1e+02;
Matches 12; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

Qy      5298 GTATCAGAGCTCTTTAGAAATTG 5321
      1  |||||:|||||:|||||
Db      1 GUGUACAGACGUCUUUAGAUAUUG 24

RESULT 32
US-09-956-712-14/c
/ Sequence 14, Application US/09956712
/ Publication No. US20030092648A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
/ FILE REFERENCE: RTS-0326
/ CURRENT APPLICATION NUMBER: US/09/956,712
/ CURRENT FILING DATE: 2001-09-19
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 14
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-14

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      61 GGGTCTGAAAGCCCATTC 80
      |||||
Db      20 GGGTCTGAAAGCCCATTC 1

RESULT 33
US-09-956-712-15/c
/ Sequence 15, Application US/09956712
/ Publication No. US20030092648A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
/ FILE REFERENCE: RTS-0326
/ CURRENT APPLICATION NUMBER: US/09/956,712
/ CURRENT FILING DATE: 2001-09-19
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 15
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-15

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      75 CATTCCTGCTCTGGGGCTC 94
      |||||
Db      20 CATTCCTGCTCTGGGGCTC 1

RESULT 34
US-09-956-712-16/c
/ Sequence 16, Application US/09956712
/ Publication No. US20030092648A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
/ FILE REFERENCE: RTS-0326
/ CURRENT APPLICATION NUMBER: US/09/956,712
/ CURRENT FILING DATE: 2001-09-19
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 16
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-16

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      169 ATCTGAGACACAGACAG 188
      |||||
Db      20 ATCTGAGACACAGACAG 1

RESULT 35
US-09-956-712-17/c
/ Sequence 17, Application US/09956712
/ Publication No. US20030092648A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
/ FILE REFERENCE: RTS-0326
/ CURRENT APPLICATION NUMBER: US/09/956,712
/ CURRENT FILING DATE: 2001-09-19
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 17
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-17

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      334 TGGCTTTCTTACCACTCC 353
      |||||
Db      20 TGGCTTTCTTACCACTCC 1

RESULT 36
US-09-956-712-18/c
/ Sequence 18, Application US/09956712
/ Publication No. US20030092648A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
/ FILE REFERENCE: RTS-0326
/ CURRENT APPLICATION NUMBER: US/09/956,712
/ CURRENT FILING DATE: 2001-09-19
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 18
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-18
```

US-09-956-712-18

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 406 GAATGCTGATTAAGACGG 425  
DB 20 GAATGCTGATTAAGACGG 1

RESULT 37

US-09-956-712-19/c  
; Sequence 19, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 19  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-19

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 445 CAGCACTGTTCTTCGCTGC 464  
DB 20 CAGCACTGTTCTTCGCTGC 1

RESULT 38

US-09-956-712-20/c  
; Sequence 20, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 20  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-20

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 503 CTCTTAATCCGGGACAGG 522  
DB 20 CTCTTAATCCGGGACAGG 1

RESULT 39

US-09-956-712-21/c  
; Sequence 21, Application US/09956712  
; Publication No. US20030092648A1

; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 21  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-21

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 581 AGCTGAAGAGCTTCAGCTT 600  
DB 20 AGCTGAAGAGCTTCAGCTT 1

RESULT 40

US-09-956-712-22/c  
; Sequence 22, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 22  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-22

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 717 GGCTGGAGCTTACGCTTC 736  
DB 20 GGCTGGAGCTTACGCTTC 1

RESULT 41

US-09-956-712-23/c  
; Sequence 23, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 23  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-23



Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 883 ATCCATGAATTCGCCGCGG 902  
|||||  
Db 20 ATCCATGAATTCGCCGCGG 1

RESULT 42  
US-09-956-712-24/c  
; Sequence 24, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 24  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-24

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 912 GGGCTCAGAGAGAGGTTT 931  
|||||  
Db 20 GGGCTCAGAGAGAGGTTT 1

RESULT 43  
US-09-956-712-25/c  
; Sequence 25, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Preler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 25  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-25

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 961 CGCTGAGAGAAATCTCTGC 980  
|||||  
Db 20 CGCTGAGAGAAATCTCTGC 1

RESULT 44  
US-09-956-712-26/c  
; Sequence 26, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 26  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-26

; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Preler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 26  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-26

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1121 AGGCTCCTGGAGACCAATGG 1140  
|||||  
Db 20 AGGCTCCTGGAGACCAATGG 1

RESULT 45  
US-09-956-712-27/c  
; Sequence 27, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Preler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 27  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-27

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1329 GAAAATGAGGATTTTAAC 1348  
|||||  
Db 20 GAAAATGAGGATTTTAAC 1

RESULT 46  
US-09-956-712-28/c  
; Sequence 28, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Preler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 28  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-28

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1610 ATGCTTCTACTGCGCTGC 1629  
DB 20 ATGCTTCTACTGCGCTGC 1

RESULT 47  
US-09-956-712-29/C  
; Sequence 29, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 29  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-29

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1625 GGTGAGAGAGCTGCGCCAG 1644  
DB 20 GGTGAGAGAGCTGCGCCAG 1

RESULT 48  
US-09-956-712-30/C  
; Sequence 30, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 30  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-30

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1872 CGAGGCATCTTCTGATCA 1891  
DB 20 CGAGGCATCTTCTGATCA 1

RESULT 49  
US-09-956-712-31/C  
; Sequence 31, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett

; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 31  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-31

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 2499 ATATGAATACATGCGCTGT 2518  
DB 20 ATATGAATACATGCGCTGT 1

RESULT 50  
US-09-956-712-32/C  
; Sequence 32, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 32  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-32

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 2679 CCATGCTTGTACGAGACTC 2698  
DB 20 CCATGCTTGTACGAGACTC 1

RESULT 51  
US-09-956-712-33/C  
; Sequence 33, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 33  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-33

Query Match 0.4%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2870 TGGTAGCTCTGTTGAGGTG 2889  
|||||

Db 20 TGGTAGCTCTGTTGAGGTG 1

RESULT 52  
US-09-956-712-34/c

Sequence 34, Application US/09956712  
Publication No. US20030092648A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Preler

TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

FILE REFERENCE: RTS-0326

CURRENT APPLICATION NUMBER: US/09/956,712

CURRENT FILING DATE: 2001-09-19

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 34

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-34

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2905 GCCTATGGCAGATCTCTT 2924  
|||||

Db 20 GCCTATGGCAGATCTCTT 1

RESULT 53  
US-09-956-712-35/c

Sequence 35, Application US/09956712  
Publication No. US20030092648A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Preler

TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

FILE REFERENCE: RTS-0326

CURRENT APPLICATION NUMBER: US/09/956,712

CURRENT FILING DATE: 2001-09-19

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 35

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-35

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2929 GTCCCTCAGGTGACGAGAA 2948  
|||||

Db 20 GTCCCTCAGGTGACGAGAA 1

RESULT 54  
US-09-956-712-36/c

Sequence 36, Application US/09956712  
Publication No. US20030092648A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Preler

TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

FILE REFERENCE: RTS-0326

CURRENT APPLICATION NUMBER: US/09/956,712

CURRENT FILING DATE: 2001-09-19

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 36

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-36

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2996 TGAAGAGCTTTGTAAGAC 3015  
|||||

Db 20 TGAAGAGCTTTGTAAGAC 1

RESULT 55  
US-09-956-712-37/c

Sequence 37, Application US/09956712  
Publication No. US20030092648A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Preler

TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

FILE REFERENCE: RTS-0326

CURRENT APPLICATION NUMBER: US/09/956,712

CURRENT FILING DATE: 2001-09-19

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 37

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-37

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3177 TTGCCAGAGCTGAGACAGC 3196  
|||||

Db 20 TTGCCAGAGCTGAGACAGC 1

RESULT 56  
US-09-956-712-38/c

Sequence 38, Application US/09956712  
Publication No. US20030092648A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Preler

TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

FILE REFERENCE: RTS-0326

CURRENT APPLICATION NUMBER: US/09/956,712

CURRENT FILING DATE: 2001-09-19

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 38

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-956-712-38

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3212 AGCGACTGCAGCTGCTCAGC 3231  
|||||  
Db 20 AGCGACTGCAGCTGCTCAGC 1

RESULT 57  
US-09-956-712-39/c  
; Sequence 39, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 39  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-39

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3383 TACGCTGGGGCTGACCCAG 3402  
|||||  
Db 20 TACGCTGGGGCTGACCCAG 1

RESULT 58  
US-09-956-712-40/c  
; Sequence 40, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 40  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-40

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3412 AGTGATGAGATGAGCAGGA 3431  
|||||  
Db 20 AGTGATGAGATGAGCAGGA 1

RESULT 59  
US-09-956-712-41/c  
; Sequence 41, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 41  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-41

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3419 AGATGAGGCGAAGTGTGAGG 3438  
|||||  
Db 20 AGATGAGGCGAAGTGTGAGG 1

RESULT 60  
US-09-956-712-42/c  
; Sequence 42, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-42

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3426 GCAGGAAGTGGGCGCCCTGG 3445  
|||||  
Db 20 GCAGGAAGTGGGCGCCCTGG 1

RESULT 61  
US-09-956-712-43/c  
; Sequence 43, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 43  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-43

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3473 TCAGCAGCGAACAAGT 3492  
|||  
Db 20 TCAGCAGCGAACAAGT 1

RESULT 62  
US-09-956-712-44/c  
; Sequence 44, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 44  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-44

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3544 TCCTCACTCAAGCGCAGAG 3563  
|||  
Db 20 TCCTCACTCAAGCGCAGAG 1

RESULT 63  
US-09-956-712-45/c  
; Sequence 45, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 45  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-45

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3701 CTTCTCTGCTCTCAAGG 3720  
|||  
Db 20 CTTCTCTGCTCTCAAGG 1

RESULT 64  
US-09-956-712-46/c  
; Sequence 46, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326

; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 46  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-46

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3846 CCGCTGCCCAACAGCGTC 3865  
|||  
Db 20 CCGCTGCCCAACAGCGTC 1

RESULT 65  
US-09-956-712-47/c  
; Sequence 47, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 47  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-47

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3874 GTGATGAGAGAGCGTGAC 3893  
|||  
Db 20 GTGATGAGAGAGCGTGAC 1

RESULT 66  
US-09-956-712-48/c  
; Sequence 48, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 48  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-48

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy      4011 TGTGACCTCCCTCACTTGG 4030
          |||||
Db      20 TGTGACCTCCCTCACTTGG 1

```

```

RESULT 67
US-09-956-712-49/c
; Sequence 49, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956, 712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-49

```

```

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

QY      4033 GCTCTCCAGGGGGCCAGT 4052
      |||||||
Db       20 GCTCTCCAGGGGGCCAGT 1

```

```

RESULT 68
US-09-956-712-50/c
; Sequence 50, Application US/09956712
; Publication NO. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956, 712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-956-712-50

```

		0.4%;	Score 20;	DB 1;	Length 20;
		Best Local Similarity	100.0%;	Pred. No.	1.2e+02;
	Matches	20;	Conservative	0;	Mismatches 0;
					Indels 0;
					Gaps 0;
QY	4097	TGCTCTGTGAGAAAGCCACGC	4116		
Dd	20	TGCTCTGTGAGAAAGCCACGC	1		

RESULT 69 712-51/c  
US-09-956-712-51/c  
Sequence 51, Application US/09956712  
Publication No. US20030092648A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Susan M. Pfeier  
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
FILE REFERENCE: RTS-0346  
CURRENT APPLICATION NUMBER: US/09/956, 712

```

: CURRENT FILING DATE: 2001-09-19
: NUMBER OF SEQ ID NOS: 91
: SEQ ID NO 51
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-356-712-51

```

	Query Match	0.4%	Score 20;	DB 1;	Length 20;
	Best Local Similarity	100.0%;	Pred. No. 1.2e+02;		
	Matches	20;	Conservative	0;	Mismatches 0;
					Indels 0;
Gy	4223	TGGGTGCTTACCAAGC	4242		
Dz	20	TGGGTGCTTACCAAGC	1		

```

RESULT 70
US-09-956-712-52/c
Sequence 52, Application US/09956712
Publication NO. US20030092648A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Fretler
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/09/956,712
CURRENT FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SRQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-52

```

	Query Match	0.4%;	Score 20;	DB 1;	Length 20;
	Best Local Similarity	100.0%;	Pred. No. 1.2e+02;		
Matches	20;	Conservative	0;	Mismatches	0;
				Indels	0;
Gy	4296	CATTGGAGGAACTGGAGC	4315		
Db	20	CATTGGAGGAACTGGAGC	1		

```

RESULT 71
US-09-956-712-53/c
; Sequence 53, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-53

```

Query Match	0.4%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
0y	4307	AACTGAGGCTTCGTATCGA	4326	



Db 20 AACTGAGCTCTGCTATCGA 1

## RESULT 72

US-09-956-712-54/c  
; Sequence 54, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 54  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-54

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4405 AAGAAAGATGAGACTCTGCT 4424  
Db 20 AAGAAAGATGAGACTCTGCT 1

## RESULT 73

US-09-956-712-55/c  
; Sequence 55, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 55  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-55

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4432 GCCTTGTTGAAACGAGAGA 4451  
Db 20 GCCTTGTTGAAACGAGAGA 1

## RESULT 74

US-09-956-712-56/c  
; Sequence 56, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19

; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 56  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-56

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4438 GTGAACCGAGAGATCTCAT 4457  
Db 20 GTGAACCGAGAGATCTCAT 1

## RESULT 75

US-09-956-712-57/c  
; Sequence 57, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 57  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-57

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4483 GCCCGCATGCGTACTTTC 4502  
Db 20 GCCCGCATGCGTACTTTC 1

## RESULT 76

US-09-956-712-58/c  
; Sequence 58, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 58  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-58

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4565 GAGTGCATCGGTGAGGTT 4584  
Db 20 GAGTGCATCGGTGAGGTT 1

Db 20 GAGTGACATCGGTGAGGTT 1

RESULT 77

US-09-956-712-59/c  
; Sequence 59, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 59  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-59

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4575 GGATGAGGTTGTCTTGACA 4594  
Db 20 GGATGAGGTTGTCTTGACA 1

RESULT 78

US-09-956-712-60/c  
; Sequence 60, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 60  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-60

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4701 CCGAAGTCAAGATGCAC 4720  
Db 20 CCGAAGTCAAGATGCAC 1

RESULT 79

US-09-956-712-61/c  
; Sequence 61, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91

; SEQ ID NO 61  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-61

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4747 CCTCAGCTCATATGAACT 4766  
Db 20 CCTCAGCTCATATGAACT 1

RESULT 80

US-09-956-712-62/c  
; Sequence 62, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 62  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-62

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4789 GGACTCTGCCATCAGCAG 4808  
Db 20 GGACTCTGCCATCAGCAG 1

RESULT 81

US-09-956-712-63/c  
; Sequence 63, Application US/09956712  
; Publication No. US20030092648A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freiler  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/09/956,712  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 63  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-956-712-63

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4801 CTCAGCAGCTGAAGTACAA 4820  
Db 20 CTCAGCAGCTGAAGTACAA 1

```
RESULT 82
US-09-956-712-64/c
; Sequence 64, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-64

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4832 GACCTTGAGTCCTGCTTT 4851
DB      20 GACCTTGAGTCCTGCTTT 1

RESULT 83
US-09-956-712-65/c
; Sequence 65, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-65

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4908 TTGCTTCAGACCTAAAGT 4927
DB      20 TTGCTTCAGACCTAAAGT 1

RESULT 84
US-09-956-712-66/c
; Sequence 66, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 66
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-66

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4956 GCATTATGTGTCATGCCAG 4975
DB      20 GCATTATGTGTCATGCCAG 1

RESULT 85
US-09-956-712-67/c
; Sequence 67, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-67

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5020 AGGGAATGTCATCTGAGC 5039
DB      20 AGGGAATGTCATCTGAGC 1

RESULT 86
US-09-956-712-68/c
; Sequence 68, Application US/09956712
; Publication No. US2003092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-68

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5075 TGTGGCCACAGCAGCCAG 5094
DB      20 TGTGGCCACAGCAGCCAG 1
```

```
RESULT 87
US-09-956-712-69/c
; Sequence 69, Application US/09956712
; Publication No. US2003002648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/09/956,712
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-69

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      5140 GGACATGGAACCATTTGCT 5159
Db      20 GGACATGGAACCATTTGCT 1

RESULT 88
US-10-633-913-14/c
; Sequence 14, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-14

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      61 GGGTCTGAAGCCCATTC 80
Db      20 GGGTCTGAAGCCCATTC 1

RESULT 89
US-10-633-913-15/c
; Sequence 15, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-15/c

; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-15

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      75 CATTCCTGCTCTGCGGCTC 94
Db      20 CATTCCTGCTCTGCGGCTC 1

RESULT 90
US-10-633-913-16/c
; Sequence 16, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-16

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      169 ATCTGAGGACACAGACAG 188
Db      20 ATCTGAGGACACAGACAG 1

RESULT 91
US-10-633-913-17/c
; Sequence 17, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-17

Query Match          0.4%; Score 20; DB 1; Length 20;
```

Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0;

Qy 334 TGGCTTTCTCTCCACTCCC 353

Db 20 TGGCTTTCTCTCACTCCC 1

RESULT 97

US-10-633-913-18/c

Sequence 18, Application US/10633913

Publication No. US20040029277A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freiler

TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

FILE REFERENCE: RTS-0326

CURRENT APPLICATION NUMBER: US/10/633,913

PRIOR FILING DATE: 2003-08-04

PRIOR APPLICATION NUMBER: US/09/956,712

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 18

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-633-913-18

Query Match

Best Local Similarity 100.0%; Score 20; DB 1; Length 20;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 406 GAATGCTGAATTAAGACCG 425

Db 20 GAATGCTGAATTAAGACCG 1

RESULT 93

US-10-633-913-19/c

Sequence 19, Application US/10633913

Publication No. US20040029277A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

FILE REFERENCE: RTS-0326

CURRENT APPLICATION NUMBER: US/10/633,913

PRIOR FILING DATE: 2003-08-04

PRIOR APPLICATION NUMBER: US/09/956,712

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 19

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-633-913-19

Query Match

Best Local Similarity 100.0%; Score 20; DB 1; Length 20;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 445 CAGCACTGTTCTCTCCCTGC 464

Db 20 CAGCACTGTTCTCTCCCTGC 1

RESULT 94

US-10-633-913-20/c

Sequence 20, Application US/10633913

Publication No. US20040029277A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freiler

TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

FILE REFERENCE: RTS-0326

CURRENT APPLICATION NUMBER: US/10/633,913

PRIOR FILING DATE: 2003-08-04

PRIOR APPLICATION NUMBER: US/09/956,712

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 20

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-633-913-20

Query Match

Best Local Similarity 100.0%; Score 20; DB 1; Length 20;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 503 CTCTTAACCTCCGAGCAGAG 522

Db 20 CTCTTAACCTCCGAGCAGAG 1

RESULT 95

US-10-633-913-21/c

Sequence 21, Application US/10633913

Publication No. US20040029277A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

FILE REFERENCE: RTS-0326

CURRENT APPLICATION NUMBER: US/10/633,913

PRIOR FILING DATE: 2003-08-04

PRIOR APPLICATION NUMBER: US/09/956,712

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 21

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-633-913-21

Query Match

Best Local Similarity 100.0%; Score 20; DB 1; Length 20;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 581 AGCTGAGAGATTCCAGCTT 600

Db 20 AGCTGAGAGATTCCAGCTT 1

RESULT 96

US-10-633-913-22/c

Sequence 22, Application US/10633913

Publication No. US20040029277A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freiler

TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION

FILE REFERENCE: RTS-0326

CURRENT APPLICATION NUMBER: US/10/633,913

PRIOR FILING DATE: 2003-08-04

PRIOR APPLICATION NUMBER: US/09/956,712

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 22

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-633-913-22

```
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-22
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      717 GGCTGGAGCCTAGCCCTCC 736
Db      20 GGCTGGAGCCTAGCCCTCC 1
```

```
RESULT 97
US-10-633-913-23/c
; Sequence 23, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-23
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      883 ATCCATGAATGCGCGCGG 902
Db      20 ATCCATGAATGCGCGCGG 1
```

```
RESULT 98
US-10-633-913-24/c
; Sequence 24, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-24
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      912 GGCTCAGAGAGAGGCTTT 931
Db      20 GGCTCAGAGAGAGGCTTT 1
```

```
RESULT 99
US-10-633-913-25/c
; Sequence 25, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-25
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      961 CGCTGAGAGAAATCTCTGC 980
Db      20 CGCTGAGAGAAATCTCTGC 1
```

```
RESULT 100
US-10-633-913-26/c
; Sequence 26, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-26
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1121 AGGCTCTGGAGCAATGG 1140
Db      20 AGGCTCTGGAGCAATGG 1
```

```
RESULT 101
US-10-633-913-27/c
; Sequence 27, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
```

```

; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-27

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1329 GAAATATGAGATTTAACC 1348
DB      20  GAAAAATGAGATTTAACC 1

RESULT 102
US-10-633-913-28/c
; Sequence 28, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-28

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1610 ATGCTTCTACTTCAGCTGC 1629
DB      20  ATGCTTCTACTTCAGCTGC 1

RESULT 103
US-10-633-913-29/c
; Sequence 29, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 29
; LENGTH: 20
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-29

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1625 GCTGCAGAGAGCTGCCCCAG 1644
DB      20  GCTGCAGAGAGCTGCCCCAG 1

RESULT 104
US-10-633-913-30/c
; Sequence 30, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-30

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1872 CGAGGCATCCTTCTGTATCA 1891
DB      20  CGAGGCATCCTTCTGTATCA 1

RESULT 105
US-10-633-913-31/c
; Sequence 31, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-31

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2499 ATATGAAATACATGAGCTGT 2518
```



```
Db      20 ATATGAAATACATGCGCCTGT 1
|||||
RESULT 106
US-10-633-913-32/C
; Sequence 32, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-32

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2679 CCACCTGCTTGACGAGACTC 2698
|||||
Db      20 CCACGCTTGACGAGACTC 1
|||||

RESULT 107
US-10-633-913-33/C
; Sequence 33, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-33

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2870 TGGTAGTCCTGTTCAAGTGG 2889
|||||
Db      20 TGGTAGTCCTGTTCAAGTGG 1
|||||

RESULT 108
US-10-633-913-34/C
; Sequence 34, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-34

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2905 GCCTATTGGCAGATTCTCTT 2924
|||||
Db      20 GCCTATTGGCAGATTCTCTT 1
|||||

RESULT 109
US-10-633-913-35/C
; Sequence 35, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-35

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2929 GTCCCTCAAGGTACACGAAA 2948
|||||
Db      20 GTCCCTCAAGGTACACGAAA 1
|||||

RESULT 110
US-10-633-913-36/C
; Sequence 36, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
US-10-633-913-36
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-34

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2905 GCCTATTGGCAGATTCTCTT 2924
|||||
Db      20 GCCTATTGGCAGATTCTCTT 1
|||||

RESULT 109
US-10-633-913-35/C
; Sequence 35, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-35

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2929 GTCCCTCAAGGTACACGAAA 2948
|||||
Db      20 GTCCCTCAAGGTACACGAAA 1
|||||

RESULT 110
US-10-633-913-36/C
; Sequence 36, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
US-10-633-913-36
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-36

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2996 TGAAGAGCTTTGTAGACG 3015
Db      20 TGAAGAGCTTTGTAGACG 1

RESULT 111
US-10-633-913-37/c
; Sequence 37, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-37

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3177 TTGCCAGAGACTGAGACG 3196
Db      20 TTGCCAGAGACTGAGACG 1

RESULT 112
US-10-633-913-38/c
; Sequence 38, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-38

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3212 AGCGACTGACGCTGTCAGC 3231
Db      20 AGCGACTGACGCTGTCAGC 1
```

```
RESULT 113
US-10-633-913-39/c
; Sequence 39, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-39

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3383 TACGCTGGGCGCTGGACCG 3402
Db      20 TACGCTGGGCGCTGGACCG 1

RESULT 114
US-10-633-913-40/c
; Sequence 40, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-40

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3412 AGTATGATGATGAGCAGCA 3431
Db      20 AGTATGATGATGAGCAGCA 1

RESULT 115
US-10-633-913-41/c
; Sequence 41, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
```

```
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-41

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      3419 AGATGAGCGAGAACTGAGG 3448
Db      20 AGATGAGCGAGAACTGAGG 1

RESULT 116
US-10-633-913-42/c
; Sequence 42, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-42

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      3426 GCAGGAAGTGAAGGCGCCTGG 3445
Db      20 GCAGGAAGTGAAGGCGCCTGG 1

RESULT 117
US-10-633-913-43/c
; Sequence 43, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

```
US-10-633-913-43

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      3473 TCAGCAGACGGAACCAAGT 3492
Db      20 TCAGCAGACGGAACCAAGT 1

RESULT 118
US-10-633-913-44/c
; Sequence 44, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-44

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      3544 TCCTCACTCAAGCGGCAGAG 3563
Db      20 TCCTCACTCAAGCGGCAGAG 1

RESULT 119
US-10-633-913-45/c
; Sequence 45, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-45

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      3701 CTTCTCCTGCGCTCTCAAGG 3720
Db      20 CTTCTCCTGCGCTCTCAAGG 1
```

```
RESULT 120
US-10-633-913-46/c
; Sequence 46, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-46

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3846 CCGCTGGCCCAACACGGGTC 3865
Db      20 CCGCTGGCCCAACACGGGTC 1

RESULT 121
US-10-633-913-47/c
; Sequence 47, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-47

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      3874 GTGATGAGAGAACCGGTGAC 3893
Db      20 GTGATGAGAGAACCGGTGAC 1

RESULT 122
US-10-633-913-48/c
; Sequence 48, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/10/633,913
```

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; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-48

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4011 TGTGACCTCCCTCATTTG 4030
Db      20 TGTGACCTCCCTCATTTG 1

RESULT 123
US-10-633-913-49/c
; Sequence 49, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-49

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4033 GCTCTCCAGGGGCCATGT 4052
Db      20 GCTCTCCAGGGGCCATGT 1

RESULT 124
US-10-633-913-50/c
; Sequence 50, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-50
```

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4097 TGCTCTGGAGAGCCAGCC 4116  
DB 20 TGCTCTGGAGAGCCAGCC 1

## RESULT 125

US-10-633-913-51/c  
; Sequence 51, Application US/10633913  
; Publication No. US20040029277A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Bennett  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/10/633,913  
; CURRENT FILING DATE: 2003-08-04  
; PRIOR APPLICATION NUMBER: US/09/956,712  
; PRIOR FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 51  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-913-51

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4223 TGGTCTGCTTACCACGC 4242  
DB 20 TGGTCTGCTTACCACGC 1

RESULT 126  
US-10-633-913-52/c  
; Sequence 52, Application US/10633913  
; Publication No. US20040029277A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Bennett  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/10/633,913  
; CURRENT FILING DATE: 2003-08-04  
; PRIOR APPLICATION NUMBER: US/09/956,712  
; PRIOR FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 52  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-913-52

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4296 CATTCGAAAGAACTGAGC 4315  
DB 20 CATTCGAAAGAACTGAGC 1

RESULT 127  
US-10-633-913-53/c

; Sequence 53, Application US/10633913  
; Publication No. US20040029277A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Bennett  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/10/633,913  
; CURRENT FILING DATE: 2003-08-04  
; PRIOR APPLICATION NUMBER: US/09/956,712  
; PRIOR FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 53  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-913-53

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4307 AACTGAGCTCTGCTATCGA 4326  
DB 20 AACTGAGCTCTGCTATCGA 1

RESULT 128  
US-10-633-913-54/c  
; Sequence 54, Application US/10633913  
; Publication No. US20040029277A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Bennett  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/10/633,913  
; CURRENT FILING DATE: 2003-08-04  
; PRIOR APPLICATION NUMBER: US/09/956,712  
; PRIOR FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 91  
; SEQ ID NO 54  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-913-54

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4405 AAGAAAGATGAGACTGTGT 4424  
DB 20 AAGAAAGATGAGACTGTGT 1

RESULT 129  
US-10-633-913-55/c  
; Sequence 55, Application US/10633913  
; Publication No. US20040029277A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Bennett  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
; FILE REFERENCE: RTS-0326  
; CURRENT APPLICATION NUMBER: US/10/633,913  
; CURRENT FILING DATE: 2003-08-04  
; PRIOR APPLICATION NUMBER: US/09/956,712  
; PRIOR FILING DATE: 2001-09-19

NUMBER OF SEQ ID NOS: 91  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-913-55

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

4432 GCCTTGTAACCAAGAGA 4451  
DB 20 GCCTTGTAACCAAGAGA 1

RESULT 130  
US-10-633-913-56/c  
Sequence 56, Application US/10633913  
Publication No. US20040029277A1  
GENERAL INFORMATION:  
APPLICANT: Susan M. Freiler  
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
FILE REFERENCE: RTS-0326  
CURRENT APPLICATION NUMBER: US/10/633,913  
CURRENT FILING DATE: 2003-08-04  
PRIOR APPLICATION NUMBER: US/09/956,712  
PRIOR FILING DATE: 2001-09-19  
NUMBER OF SEQ ID NOS: 91  
SEQ ID NO 56  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-913-56

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

4438 GTGAACCAAGAGATCTCAT 4457  
DB 20 GTGAACCAAGAGATCTCAT 1

RESULT 131  
US-10-633-913-57/c  
Sequence 57, Application US/10633913  
Publication No. US20040029277A1  
GENERAL INFORMATION:  
APPLICANT: Susan M. Freiler  
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
FILE REFERENCE: RTS-0326  
CURRENT APPLICATION NUMBER: US/10/633,913  
CURRENT FILING DATE: 2003-08-04  
PRIOR APPLICATION NUMBER: US/09/956,712  
PRIOR FILING DATE: 2001-09-19  
NUMBER OF SEQ ID NOS: 91  
SEQ ID NO 57  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-913-57

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
4483 GCCCGATAGCCGTACCTTC 4502  
DB 20 GCCCGATAGCCGTACCTTC 1

RESULT 132  
US-10-633-913-58/c  
Sequence 58, Application US/10633913  
Publication No. US20040029277A1  
GENERAL INFORMATION:  
APPLICANT: Susan M. Freiler  
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
FILE REFERENCE: RTS-0326  
CURRENT APPLICATION NUMBER: US/10/633,913  
CURRENT FILING DATE: 2003-08-04  
PRIOR APPLICATION NUMBER: US/09/956,712  
PRIOR FILING DATE: 2001-09-19  
NUMBER OF SEQ ID NOS: 91  
SEQ ID NO 58  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-913-58

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

4565 GAGTGACATCGGTGAGGTT 4584  
DB 20 GAGTGACATCGGTGAGGTT 1

RESULT 133  
US-10-633-913-59/c  
Sequence 59, Application US/10633913  
Publication No. US20040029277A1  
GENERAL INFORMATION:  
APPLICANT: Susan M. Freiler  
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION  
FILE REFERENCE: RTS-0326  
CURRENT APPLICATION NUMBER: US/10/633,913  
CURRENT FILING DATE: 2003-08-04  
PRIOR APPLICATION NUMBER: US/09/956,712  
PRIOR FILING DATE: 2001-09-19  
NUMBER OF SEQ ID NOS: 91  
SEQ ID NO 59  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-913-59

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

4575 GGTGAGGTTGCTTGACA 4594  
DB 20 GGTGAGGTTGCTTGACA 1

RESULT 134  
US-10-633-913-60/c  
Sequence 60, Application US/10633913  
Publication No. US20040029277A1

```
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-60

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4701 CCGGAGTGCAGATGAGAC 4720
Db      20 CCGGAGTGCAGATGAGAC 1

RESULT 135
US-10-633-913-61/c
; Sequence 61, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Susan M. Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-61

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4747 CCTCAGCTCATATGAACT 4766
Db      20 CCTCAGCTCATATGAACT 1

RESULT 136
US-10-633-913-62/c
; Sequence 62, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Susan M. Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 62
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-62

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4789 GGACTCCTGCCTCAGCAG 4808
Db      20 GGACTCCTGCCTCAGCAG 1

RESULT 137
US-10-633-913-63/c
; Sequence 63, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Susan M. Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-63

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4801 CTCAGCAGCTGAGATGCA 4820
Db      20 CTCAGCAGCTGAGATGCA 1

RESULT 138
US-10-633-913-64/c
; Sequence 64, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Susan M. Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-64

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```
OY 4832 GACCTTGATGCTGCTTT 4851
|||
Db 20 GACCTTGATGCTGCTTT 1

RESULT 139
US-10-633-913-65/c
; Sequence 65, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-65

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4908 TTGCCTTCAGACCTAAAGT 4927
|||
Db 20 TTGCCTTCAGACCTAAAGT 1

RESULT 140
US-10-633-913-66/c
; Sequence 66, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-66

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4956 GCATTATGTGTCATGCCAG 4975
|||
Db 20 GCATTATGTGTCATGCCAG 1

RESULT 141
US-10-633-913-67/c
; Sequence 67, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-67

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5020 AGGAAATGTCATCTGAGC 5039
|||
Db 20 AGGAAATGTCATCTGAGC 1

RESULT 142
US-10-633-913-68/c
; Sequence 68, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-68

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5075 TGTGGCCAGCAGCCAG 5094
|||
Db 20 TGTGGCCAGCAGCCAG 1

RESULT 143
US-10-633-913-69/c
; Sequence 69, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT APPLICATION NUMBER: US/10/633,913
; PRIOR FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US/09/956,712
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-69
```

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-633-913-69

Query Match 0.4%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5140 GGACATGGAACCATTTGGCT 5159  
DB 20 GGACATGGAACCATTTGGCT 1

RESULT 144  
US-10-098-263B-128640  
Sequence 128640, Application US/10098263B  
Publication No. US20030104410A1  
GENERAL INFORMATION:  
APPLICANT: Miltman, Michael  
TITLE OF INVENTION: Human Microarray  
FILE REFERENCE: 3118.1  
CURRENT APPLICATION NUMBER: US/10/098,263B  
CURRENT FILING DATE: 2003-01-08  
PRIOR APPLICATION NUMBER: 60/276,759  
PRIOR FILING DATE: 2001-03-16  
NUMBER OF SEQ ID NOS: 131066  
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
SEQ ID NO 128640  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapien  
US-10-098-263B-128640

Query Match 0.4%; Score 19.8; DB 1; Length 25;  
Best Local Similarity 91.3%; Pred. No. 1.5e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3444 GGAGCAGAGAGAACTCAGCTGC 3466  
DB 3 GGAGCAGAGAGAACTCAGCTGC 25

RESULT 145  
US-10-085-906-144/C  
Sequence 144, Application US/10085906  
Publication No. US20030054371A1  
GENERAL INFORMATION:  
APPLICANT: Ying, Vincent  
APPLICANT: Wu, Paul  
APPLICANT: Gray, Gary S.  
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
FILE REFERENCE: GNN-5343CP2  
CURRENT APPLICATION NUMBER: US/10/085,906  
CURRENT FILING DATE: 2002-02-27  
PRIOR APPLICATION NUMBER: US 60/126,215  
PRIOR FILING DATE: 1999-03-25  
PRIOR APPLICATION NUMBER: US 09/534,061  
PRIOR FILING DATE: 2000-03-24  
PRIOR APPLICATION NUMBER: PCT/US00/07938  
PRIOR FILING DATE: 2000-03-24  
NUMBER OF SEQ ID NOS: 545  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 144  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-085-906-144

Query Match 0.4%; Score 19.8; DB 1; Length 26;  
Best Local Similarity 91.3%; Pred. No. 1.5e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAAAATAAA 5425  
DB 26 AAAAAATAAAAATAAAAATAAA 4

RESULT 146  
US-09-883-119A-34  
Sequence 34, Application US/09883119A  
Publication No. US20030104520A1  
GENERAL INFORMATION:  
APPLICANT: The University of Texas System Board of Regents  
TITLE OF INVENTION: Regulatable, Catalytically Active Nucleic Acids  
FILE REFERENCE: 119927-1050  
CURRENT APPLICATION NUMBER: US/09/883,119A  
CURRENT FILING DATE: 2000-06-14  
PRIOR APPLICATION NUMBER: 60/212,097  
PRIOR FILING DATE: 2000-06-15  
NUMBER OF SEQ ID NOS: 44  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 34  
LENGTH: 28  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: substrate  
US-09-883-119A-34

Query Match 0.4%; Score 19.6; DB 1; Length 28;  
Best Local Similarity 80.8%; Pred. No. 1.7e+02;  
Matches 21; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 5394 AAAAAATGCAAAAAAGAAAAATGAA 5419  
DB 1 AAAAAATGCAAAAAAGAAAAATGCA 26

RESULT 147  
US-10-216-122-151  
Sequence 151, Application US/10216122  
Publication No. US20030121063A1  
GENERAL INFORMATION:  
APPLICANT: Kazazian, Halg H.  
APPLICANT: Oseterag, Eric  
APPLICANT: Debernardinis, Ralph  
TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS  
FILE REFERENCE: 053893-5006-03  
CURRENT APPLICATION NUMBER: US/10/216,122  
CURRENT FILING DATE: 2002-08-09  
PRIOR APPLICATION NUMBER: US 09/653,812  
PRIOR FILING DATE: 2000-09-01  
PRIOR APPLICATION NUMBER: US 08/847,844  
PRIOR FILING DATE: 1997-04-28  
PRIOR APPLICATION NUMBER: US 08/749,805  
PRIOR FILING DATE: 1996-11-15  
PRIOR APPLICATION NUMBER: US 60/006,831  
PRIOR FILING DATE: 1995-11-16  
NUMBER OF SEQ ID NOS: 154  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 151  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide annealing to 3' end of L1 insert  
US-10-216-122-151

Query Match 0.4%; Score 19.2; DB 1; Length 24;  
Best Local Similarity 87.5%; Pred. No. 1.8e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAAGAAAAAT 5416  
||||||| | ||||| | |||||

Db 1 AAAAAAAAAAAAAAAAAAAAAAT 24

RESULT 148  
US-09-922-480-7/c  
; Sequence 7, Application US/09922480  
; Patent No. US20020081701A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Adler, David A.  
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE  
; FILE REFERENCE: 97-71  
; CURRENT APPLICATION NUMBER: US/09/922,480  
; CURRENT FILING DATE: 2001-08-03  
; PRIOR APPLICATION NUMBER: US 60/124,820  
; PRIOR FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 7  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-09-922-480-7

Query Match 0.4%; Score 19.2; DB 1; Length 26;  
Best Local Similarity 87.5%; Pred. No. 1.9e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAATAATACAAAGAAAAA 5415  
Db 26 TAAAAAAAAAAAAAAAAAAAAA 3

RESULT 149  
US-09-923-236-7/c  
; Sequence 7, Application US/09923236  
; Patent No. US20020090677A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Adler, David A.  
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE  
; FILE REFERENCE: 97-71  
; CURRENT APPLICATION NUMBER: US/09/923,236  
; CURRENT FILING DATE: 2001-08-03  
; PRIOR APPLICATION NUMBER: US 60/124,820  
; PRIOR FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 7  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-09-923-236-7

Query Match 0.4%; Score 19.2; DB 1; Length 26;  
Best Local Similarity 87.5%; Pred. No. 1.9e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAATAATACAAAGAAAAA 5415  
Db 26 TAAAAAAAAAAAAAAAAAAAAA 3

RESULT 150  
US-09-923-246-38/c  
; Sequence 38, Application US/09923246  
; Patent No. US20020128446A1  
; GENERAL INFORMATION:  
; APPLICANT: No. US20020128446A1aK, Julia B.

; APPLICANT: Presnell, Scott R.  
; APPLICANT: Sprecher, Cindy A.  
; APPLICANT: Foster, Donald C.  
; APPLICANT: Holly, Richard D.  
; APPLICANT: Gross, Jane A.  
; APPLICANT: Johnston, Janet V.  
; APPLICANT: Nelson, Andrew J.  
; APPLICANT: Dillon, Stacey R.  
; APPLICANT: Hammond, Angela K.  
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
; FILE REFERENCE: 99-16  
; CURRENT APPLICATION NUMBER: US/09/923,246  
; CURRENT FILING DATE: 2001-08-03  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217  
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01  
; NUMBER OF SEQ ID NOS: 115  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 38  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-09-923-246-38

Query Match 0.4%; Score 19.2; DB 1; Length 26;  
Best Local Similarity 87.5%; Pred. No. 1.9e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAATAATACAAAGAAAAA 5415  
Db 26 TAAAAAAAAAAAAAAAAAAAAA 3

RESULT 151  
US-09-922-469-7/c  
; Sequence 7, Application US/09922469  
; Patent No. US20020173027A1  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Adler, David A.  
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE  
; FILE REFERENCE: 97-71  
; CURRENT APPLICATION NUMBER: US/09/922,469  
; CURRENT FILING DATE: 2001-08-03  
; PRIOR APPLICATION NUMBER: US 60/124,820  
; PRIOR FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 7  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-09-922-469-7

Query Match 0.4%; Score 19.2; DB 1; Length 26;  
Best Local Similarity 87.5%; Pred. No. 1.9e+02;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAATAATACAAAGAAAAA 5415  
Db 26 TAAAAAAAAAAAAAAAAAAAAA 3

RESULT 152  
US-10-295-723-38/c  
; Sequence 38, Application US/10295723

```
Publication No. US20030125524A1
GENERAL INFORMATION:
APPLICANT: No. US20030125524A1ak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/10/295,723
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: 09/522,217
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: US 60/123,547
PRIOR FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-10-295-723-38

Query Match      0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 TAAAAAATACAAAAAGAAAAA 3

RESULT 153
US-10-275-071-19/c
Sequence 19, Application US/10275071
Publication No. US20030186268A1
GENERAL INFORMATION:
APPLICANT: Crouzet, Joel
APPLICANT: Scherman, Daniel
APPLICANT: Wils, Pierre
APPLICANT: Cameron, Beatrice
APPLICANT: Blanche, Francis
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
TITLE OF INVENTION: IMMOBILIZED OLIGONUCLEOTIDE
FILE REFERENCE: 08888.0138-02
CURRENT APPLICATION NUMBER: US/10/275,071
CURRENT FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: 09/580,923
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 08/860,038
PRIOR FILING DATE: 1997-06-09
PRIOR APPLICATION NUMBER: PCT/FR95/01468
PRIOR FILING DATE: 1995-11-08
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 19
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Oligonucleotide
```

```
US-10-275-071-19
Query Match      0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      1180 AGAGAGAGAGAGAGAGAGAAATCA 1203
Db      26 AGAGAGAGAGAGAGAGAGAGAGCA 3

RESULT 154
US-10-659-684-38/c
Sequence 38, Application US/10659684
Publication No. US20040110932A1
GENERAL INFORMATION:
APPLICANT: Novak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/10/659,684
CURRENT FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: US/09/522,217
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-10-659-684-38

Query Match      0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 TAAAAAATACAAAAAGAAAAA 3

RESULT 155
US-10-184-085A-165/c
Sequence 165, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
```

SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 165  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-184-085A-165

Query Match 0.3%; Score 19; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2436 GGATGAGAGCGGAGAGCT 2454  
|||  
Db 19 GGATGAGAGCGGAGAGCT 1

RESULT 156  
US-09-888-326-842/c  
; Sequence 842, Application US/09888326  
; Publication No. US20030026801A1  
; GENERAL INFORMATION:  
; APPLICANT: Weiner, George  
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced  
; TITLE OF INVENTION: Cell Lysis and Treating Cancer  
; FILE REFERENCE: C1039/7052 (AMS)  
; CURRENT APPLICATION NUMBER: US/09/888,326  
; PRIOR FILING DATE: 2001-06-22  
; PRIOR APPLICATION NUMBER: US 60/213,346  
; PRIOR FILING DATE: 2000-06-22  
; NUMBER OF SEQ ID NOS: 848  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 842  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
; NAME/KEY: misc feature  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: phosphorothioate backbone  
US-09-888-326-842

Query Match 0.3%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 2.1e+02;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415  
|||  
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 157  
US-09-776-479-911/c  
; Sequence 911, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; PRIOR FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 911  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-911

Query Match 0.3%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 2.1e+02;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415  
|||  
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 158  
US-09-776-479-911/c  
; Sequence 911, Application US/09776479  
; Publication No. US20040067902A9  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; PRIOR FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 911  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-911

Query Match 0.3%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 2.1e+02;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415  
|||  
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 159  
US-10-112-653-880/c  
; Sequence 880, Application US/10112653  
; Publication No. US20030050268A1  
; GENERAL INFORMATION:  
; APPLICANT: Kries, Arthur M.  
; APPLICANT: Berg, Daniel J.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES  
; FILE REFERENCE: C01039/70060(AWS)  
; CURRENT APPLICATION NUMBER: US/10/112,653  
; PRIOR FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: US 60/279,642  
; PRIOR FILING DATE: 2001-03-29  
; NUMBER OF SEQ ID NOS: 1040  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 880  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-112-653-880

Query Match 0.3%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 2.1e+02;

Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415  
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 160  
US-10-017-995-911/c  
; Sequence 911, Application US/10017995  
; Publication No. US20030055014A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
; FILE REFERENCE: C1037/7025 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/017,995  
; PRIOR FILING DATE: 2001-12-18  
; PRIOR APPLICATION NUMBER: US 60/255,534  
; PRIOR FILING DATE: 2000-12-14  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 911  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-911

Query Match 0.3%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 2.1e+02;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415  
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 161  
US-10-314-578-911/c  
; Sequence 911, Application US/10314578  
; Publication No. US2003021026A1  
; GENERAL INFORMATION:  
; APPLICANT: Kries, Arthur M.  
; APPLICANT: Schetter, Christian  
; APPLICANT: Vollmer, Jorg  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
; FILE REFERENCE: C1039/7035 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/314,578  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/156,113  
; PRIOR FILING DATE: 1999-09-25  
; PRIOR APPLICATION NUMBER: US 60/156,135  
; PRIOR FILING DATE: 1999-09-27  
; PRIOR APPLICATION NUMBER: US 60/227,436  
; PRIOR FILING DATE: 2000-08-23  
; NUMBER OF SEQ ID NOS: 1145  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 911  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-911

Query Match 0.3%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 2.1e+02;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415  
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 162  
US-10-407-818-3/c  
; Sequence 3, Application US/10407818  
; Publication No. US20040198971A1  
; GENERAL INFORMATION:  
; APPLICANT: RABIANI, ELIAZAR  
; APPLICANT: STAVRIANPOULOS, JANNIS G.  
; APPLICANT: DONEGAN, JAMES J.  
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES  
; FILE REFERENCE: ENT-65  
; CURRENT APPLICATION NUMBER: US/10/407,818  
; CURRENT FILING DATE: 2003-04-03  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:  
; OTHER INFORMATION: Synthetic oligonucleotide  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-407-818-3

Query Match 0.3%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 2.1e+02;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATACAAAAAGAAAAA 5415  
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 163  
US-09-750-401-17/c  
; Sequence 17, Application US/09750401  
; Publication No. US20020004211A1  
; GENERAL INFORMATION:  
; APPLICANT: Keene, Jack D.  
; APPLICANT: Carson, Craig C.  
; APPLICANT: Tenenbaum, Scott A.  
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein  
; FILE REFERENCE: RBN-001  
; CURRENT APPLICATION NUMBER: US/09/750,401  
; CURRENT FILING DATE: 2000-12-28  
; PRIOR APPLICATION NUMBER: US 60/173,338  
; PRIOR FILING DATE: 1999-12-28  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn Version 3.1  
; SEQ ID NO 17  
; LENGTH: 22  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin  
US-09-750-401-17

Query Match 0.3%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 2e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5394 AAAAAATACAAAAAGAAAAA 5415  
Db 22 AAAAAATACGAAATTAATAA 1

RESULT 164

```
US-09-750-401-19/c
; Sequence 19, Application US/09750401
; Publication No. US20020004211A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; TITLE OF INVENTION: complexes
; FILE REFERENCE: RBN-001C
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-09-750-401-19
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5394 AAAAAATACAGAAAAAAGAAAAA 5415
Db 22 AAAAAATACAGAAAAAATAAAAA 1

RESULT 165
US-10-309-788-17/c
; Sequence 17, Application US/10309788
; Publication No. US20030211466A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; APPLICANT: Phelps, William C.
; TITLE OF INVENTION: Method for identifying functionally related genes and drug targets
; FILE REFERENCE: RBN-001C
; CURRENT APPLICATION NUMBER: US/10/309,788
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR consensus sequence of Neuronal-Cadherin
US-10-309-788-17
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5394 AAAAAATACAGAAAAAAGAAAAA 5415
Db 22 AAAAAATACAGAAAAAATAAAAA 1

RESULT 166
US-10-309-788-19/c
; Sequence 19, Application US/10309788
; Publication No. US20030211466A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; APPLICANT: Phelps, William C.
; TITLE OF INVENTION: Method for identifying functionally related genes and drug targets
; FILE REFERENCE: RBN-001C
; CURRENT APPLICATION NUMBER: US/10/309,788
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR consensus sequence of Neuronal-Cadherin
US-10-309-788-19
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5394 AAAAAATACAGAAAAAAGAAAAA 5415
Db 22 AAAAAATACAGAAAAAATAAAAA 1

RESULT 167
US-10-238-306B-17/c
; Sequence 17, Application US/10238306B
; Publication No. US20030235830A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; APPLICANT: Carson, Craig C.
; APPLICANT: Phelps, William C.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RBN-001C
; CURRENT APPLICATION NUMBER: US/10/238,306B
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-10-238-306B-17
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5394 AAAAAATACAGAAAAAAGAAAAA 5415
Db 22 AAAAAATACAGAAAAAATAAAAA 1

RESULT 168
US-10-238-306B-19/c
; Sequence 19, Application US/10238306B
; Publication No. US20030235830A1
; GENERAL INFORMATION:
```



```
/ APPLICANT: Keene, Jack D.
/ APPLICANT: Tenenbaum, Scott A.
/ APPLICANT: Carson, Craig C.
/ TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
/ FILE REFERENCE: RBN-001DV
/ CURRENT APPLICATION NUMBER: US/10/238,306B
/ CURRENT FILING DATE: 2002-09-10
/ PRIOR APPLICATION NUMBER: US 09/750,401
/ PRIOR FILING DATE: 2001-12-28
/ PRIOR APPLICATION NUMBER: US 60/173,338
/ PRIOR FILING DATE: 1999-12-28
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 19
/ LENGTH: 22
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-10-238-306B-19
```

```
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      5394 AAAAAATACAAAAAGAAAAA 5415
Db      22 AAAAAATACGAAATATAAAAA 1
```

```
RESULT 169
US-10-629-453-17/c
/ Sequence 17, Application US/10629453
/ Publication No. US20040096878A1
/ GENERAL INFORMATION:
/ APPLICANT: Keene, Jack D.
/ APPLICANT: Carson, Craig C.
/ APPLICANT: Tenenbaum, Scott A.
/ TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
/ FILE REFERENCE: RBN-001DV
/ CURRENT APPLICATION NUMBER: US/10/629,453
/ CURRENT FILING DATE: 2003-07-29
/ PRIOR APPLICATION NUMBER: US 09/750,401
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: US 60/173,338
/ PRIOR FILING DATE: 1999-12-28
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 17
/ LENGTH: 22
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-10-629-453-17
```

```
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      5394 AAAAAATACAAAAAGAAAAA 5415
Db      22 AAAAAATACGAAATATAAAAA 1
```

```
RESULT 170
US-10-629-453-19/c
/ Sequence 19, Application US/10629453
/ Publication No. US20040096878A1
/ GENERAL INFORMATION:
/ APPLICANT: Keene, Jack D.
```

```
/ APPLICANT: Carson, Craig C.
/ APPLICANT: Tenenbaum, Scott A.
/ TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
/ FILE REFERENCE: RBN-001DV
/ CURRENT APPLICATION NUMBER: US/10/629,453
/ CURRENT FILING DATE: 2003-07-29
/ PRIOR APPLICATION NUMBER: US 09/750,401
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: US 60/173,338
/ PRIOR FILING DATE: 1999-12-28
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 19
/ LENGTH: 22
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-10-629-453-19
```

```
Query Match          0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      5394 AAAAAATACAAAAAGAAAAA 5415
Db      22 AAAAAATACGAAATATAAAAA 1
```

```
RESULT 171
US-09-997-931-5
/ Sequence 5, Application US/0997931
/ Publication No. US20030087241A1
/ GENERAL INFORMATION:
/ APPLICANT: University of Rochester
/ APPLICANT: Kool, Eric
/ TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA
/ FILE REFERENCE: 220,00010142
/ CURRENT APPLICATION NUMBER: US/09/997,931
/ CURRENT FILING DATE: 2001-11-30
/ PRIOR APPLICATION NUMBER: US 09/569,344
/ PRIOR FILING DATE: 2000-05-11
/ PRIOR APPLICATION NUMBER: US 08/805,631
/ PRIOR FILING DATE: 1997-02-26
/ PRIOR APPLICATION NUMBER: US 08/393,439
/ PRIOR FILING DATE: 1995-02-23
/ PRIOR APPLICATION NUMBER: US 08/047,860
/ PRIOR FILING DATE: 1993-04-15
/ NUMBER OF SEQ ID NOS: 129
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 5
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: circular template
US-09-997-931-5
```

```
Query Match          0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      5393 AAAAAATACAAAAAGAAAAA 5414
Db      5 AAAAAATACGAAATATAAAAA 26
```

```
RESULT 172
US-09-866-108-13291
/ Sequence 13291, Application US/09866108
/ Patent No. US20020048600A1
/ GENERAL INFORMATION:
```

```

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yongsang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeo mica Sequence Listing Engine
; SEQ ID NO 13291
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-13291

Query Match      0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      3475 AGCAGACGGAACCAAGTGATGA 3499
Db      1 AGCAGAGTGAAGCCAGTGTGAGCA 25

RESULT 173
; US-09-827-998-1153
; Sequence 1153, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN B
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
```

```

; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeo mica Sequence Listing Engine
; SEQ ID NO 1153
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1153

Query Match      0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      5410 AAAAAATGAAATTAAGAAATAGA 5434
Db      1 AAGAAATGAAATTAAGAAATAGA 25

RESULT 174
; US-10-060-756A-2118
; Sequence 2118, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeo mica Sequence Listing Engine
; SEQ ID NO 2118
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-756A-2118

Query Match      0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      770 GCGCCCAAGCCGAGGAGGCGAG 794
Db      1 GAGCCCAAGCCGAGGCGGCGCG 25

RESULT 175
; US-10-675-685-1153
; Sequence 1153, Application US/10675685
; Publication No. US20040065134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN B
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
```

```
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1153
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1153
```

```
Query Match
Best Local Similarity 84.0%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5410 AAAAAATGAAATTAAGCAATTAAGA 5434
Db 1 AGCAAGTGAAGCAAGTGTGAGCA 25
```

## RESULT 176

```
US-10-723-361-13291
; Sequence 13291, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
```

```
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
```

```
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13291
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13291
```

```
Query Match
Best Local Similarity 84.0%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 3475 AGCAGACGAAACCAAGTGTATGA 3499
Db 1 AGCAGAGTGAAGCAAGTGTGAGCA 25
```

```
RESULT 177
US-09-956-712-74/c
; Sequence 74, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/09/956,712
CURRENT FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-956-712-74
```

```
Query Match
Best Local Similarity 95.0%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3466 CTCATCTTCAGCAGACGGA 3485
Db 20 CTCATCTTCAGCAGACGGA 1
```

## RESULT 178

```
US-10-633-913-74/c
; Sequence 74, Application US/10633913
; Publication No. US20040029277A1
; GENERAL INFORMATION:
```

```
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/10/633,913
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: US/09/956,712
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-74
```

```
Query Match
Best Local Similarity 95.0%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3466 CTCATCTTCAGCAGACGGA 3485
Db 20 CTCATCTTCAGCAGACGGA 1
```

```
RESULT 179
US-10-344-741-21/c
; Sequence 21, Application US/10344741
; Publication No. US20040038371A1
; GENERAL INFORMATION:
```

```
APPLICANT: Baeten, Danielle
APPLICANT: Dekker, Petrus, Jacobus, Theodorus
APPLICANT: Schuurhulzen, Paul, William
APPLICANT: Schaap, petrus, Johannes
APPLICANT: Visser, Jacob
APPLICANT: DSM NV
TITLE OF INVENTION: No. US20040038371A1el Aminopeptidase
FILE REFERENCE: 24615-20187.00
```

CURRENT APPLICATION NUMBER: US/10/344,741  
CURRENT FILING DATE: 2001-08-22  
PRIOR APPLICATION NUMBER: EP/NL 00202995.7  
PRIOR FILING DATE: 2000-08-23  
NUMBER OF SEQ ID NOS: 27  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 21  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Poly-T primer  
US-10-344-741-21

Query Match 0.3%; Score 18.4; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 2.6e+02;  
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAATAATACAAAAAGAAAAA 5415  
DB 24 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 180  
US-09-922-480-6/c  
Sequence 6, Application US/09922480  
Patent No. US20020081701A1  
GENERAL INFORMATION:  
APPLICANT: Sheppard, Paul O.  
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE  
FILE REFERENCE: 97-71  
CURRENT APPLICATION NUMBER: US/09/922,480  
CURRENT FILING DATE: 2001-08-03  
PRIOR APPLICATION NUMBER: US 60/124,820  
PRIOR FILING DATE: 1999-03-17  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 6  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC7231  
US-09-922-480-6

Query Match 0.3%; Score 18.4; DB 1; Length 26;  
Best Local Similarity 83.3%; Pred. No. 2.6e+02;  
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAATAATACAAAAAGAAAAA 5415  
DB 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 181  
US-09-923-236-6/c  
Sequence 6, Application US/09923236  
Patent No. US20020090677A1  
GENERAL INFORMATION:  
APPLICANT: Sheppard, Paul O.  
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE  
FILE REFERENCE: 97-71  
CURRENT APPLICATION NUMBER: US/09/923,236  
CURRENT FILING DATE: 2001-08-03  
PRIOR APPLICATION NUMBER: US 60/124,820  
PRIOR FILING DATE: 1999-03-17  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 6  
LENGTH: 26  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC7231  
US-09-923-236-6

Query Match 0.3%; Score 18.4; DB 1; Length 26;  
Best Local Similarity 83.3%; Pred. No. 2.6e+02;  
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAATAATACAAAAAGAAAAA 5415  
DB 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 182  
US-09-922-469-6/c  
Sequence 6, Application US/09922469  
Patent No. US20020173027A1  
GENERAL INFORMATION:  
APPLICANT: Sheppard, Paul O.  
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE  
FILE REFERENCE: 97-71  
CURRENT APPLICATION NUMBER: US/09/922,469  
CURRENT FILING DATE: 2001-08-03  
PRIOR APPLICATION NUMBER: US 60/124,820  
PRIOR FILING DATE: 1999-03-17  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 6  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC7231  
US-09-922-469-6

Query Match 0.3%; Score 18.4; DB 1; Length 26;  
Best Local Similarity 83.3%; Pred. No. 2.6e+02;  
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAATAATACAAAAAGAAAAA 5415  
DB 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 183  
US-10-039-876A-10/c  
Sequence 10, Application US/10039876A  
Publication No. US20030032792A1  
GENERAL INFORMATION:  
APPLICANT: Conklin, Darrell C.  
TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219A  
FILE REFERENCE: 97-63C1  
CURRENT APPLICATION NUMBER: US/10/039,876A  
CURRENT FILING DATE: 2001-10-26  
PRIOR APPLICATION NUMBER: US 60/061,712  
PRIOR FILING DATE: 1997-10-06  
PRIOR APPLICATION NUMBER: US 09/167,513  
PRIOR FILING DATE: 1998-10-06  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 10  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC7231  
US-10-039-876A-10

Query Match 0.3%; Score 18.4; DB 1; Length 26;  
Best Local Similarity 83.3%; Pred. No. 2.6e+02;

Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAAGAAAAA 5415  
:|||||:|||||:|||||  
Db 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 184  
US-10-196-703-43/c  
; Sequence 43, Application US/10196703  
; Publication No. US20030055019A1  
; GENERAL INFORMATION:  
; APPLICANT: Shinkets, Richard A.  
; TITLE OF INVENTION: Genes and Proteins Predictive and Therapeutic for  
; FILE REFERENCE: 15966-527  
; CURRENT APPLICATION NUMBER: US/10/196,703  
; CURRENT FILING DATE: 2002-07-15  
; PRIOR APPLICATION NUMBER: US/09/161,939  
; PRIOR FILING DATE: 1998-09-28  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 43  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: oligo(dT)<25>V  
US-10-196-703-43

Query Match 0.3%; Score 18.4; DB 1; Length 26;  
Best Local Similarity 83.3%; Pred. No. 2.6e+02;  
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAAGAAAAA 5415  
:|||||:|||||:|||||  
Db 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 185  
US-10-352-253A-36/c  
; Sequence 36, Application US/10352253A  
; Publication No. US20030175908A1  
; GENERAL INFORMATION:  
; APPLICANT: Linmarsson, Sten  
; APPLICANT: Ernfors, Patrik  
; APPLICANT: Bauren, Goran  
; APPLICANT: Meteis, Ats  
; APPLICANT: Pihlak, Arno  
; APPLICANT: Montelius, Andreas  
; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid  
; FILE REFERENCE: 620-234  
; CURRENT APPLICATION NUMBER: US/10/352,253A  
; CURRENT FILING DATE: 2003-01-28  
; PRIOR APPLICATION NUMBER: US 60/352,215  
; PRIOR FILING DATE: 2002-01-29  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 36  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Primer  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (26)  
; OTHER INFORMATION: v is a, c or g  
US-10-352-253A-36

Query Match 0.3%; Score 18.4; DB 1; Length 26;  
Best Local Similarity 83.3%; Pred. No. 2.6e+02;

Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAAGAAAAA 5415  
:|||||:|||||:|||||  
Db 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 186  
US-10-224-289-20/c  
; Sequence 20, Application US/10224289  
; Publication No. US20030207288A1  
; GENERAL INFORMATION:  
; APPLICANT: LEWIN, DAVID A.  
; APPLICANT: STEWART, TIMOTHY A.  
; TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND  
; FILE REFERENCE: 9800081-0085  
; CURRENT APPLICATION NUMBER: US/10/224,289  
; CURRENT FILING DATE: 2002-08-20  
; PRIOR APPLICATION NUMBER: 60/313,940  
; PRIOR FILING DATE: 2001-08-20  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 20  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-224-289-20

Query Match 0.3%; Score 18.4; DB 1; Length 26;  
Best Local Similarity 83.3%; Pred. No. 2.6e+02;  
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAAGAAAAA 5415  
:|||||:|||||:|||||  
Db 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 187  
US-09-732-067-1  
; Sequence 1, Application US/09732067  
; Publication No. US20020069801A1  
; GENERAL INFORMATION:  
; APPLICANT: Ullman, Edwin  
; APPLICANT: Dekezer, Steve  
; APPLICANT: Davallan, Darlunsh  
; TITLE OF INVENTION: Amplified Luminescent Homogeneous  
; FILE REFERENCE: BEH-7385  
; CURRENT APPLICATION NUMBER: US/09/732,067  
; CURRENT FILING DATE: 2000-12-07  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 1  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: hybridization oligo  
US-09-732-067-1

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAAAA 5415  
:|||||:|||||:|||||  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

```
RESULT 188
US-09-920-342-12/c
; Sequence 12, Application US/09920342.
; Patent No. US20020137709A1
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: Lin, Shi-Lung
; APPLICANT: Chung, Cheng-Ming
; APPLICANT: Midelfelt, Randall B.
; TITLE OF INVENTION: GENE SILENCING USING mRNA-CDNA HYBRIDS
; FILE REFERENCE: 13761-7024
; CURRENT FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: US 60/222,479
; PRIOR FILING DATE: 2000-08-02
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Poly(dT)24 primer
US-09-920-342-12

Query Match      0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAAAAA 5415
Db      24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 189
US-09-920-313-148/c
; Sequence 148, Application US/09920313
; Publication No. US20020198165A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Nucleic Acids for the Prevention and
; TITLE OF INVENTION: Treatment of Gastric Ulcers
; FILE REFERENCE: C1037/7019 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/920,313
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: US 60/222,248
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 148
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic
US-09-920-313-148

Query Match      0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAAAAA 5415
Db      24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 190
US-09-949-305B-6/c
; Sequence 6, Application US/09949305B
; Publication No. US20030022318A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Lin, Shi-Lung
; APPLICANT: Ying, Shao-Yao
; TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
; TITLE OF INVENTION: Generation of Related Peptides Thereof
; FILE REFERENCE: 266/014
; CURRENT APPLICATION NUMBER: US/09/949,305B
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/494,212
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent version 3.1
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligo(dT) primer for RNA polymerase thermocycling procedure
US-09-949-305B-6

Query Match      0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAAAAA 5415
Db      24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 191
US-09-888-326-841/c
; Sequence 841, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 841
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-841

Query Match      0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAAAAA 5415
Db      24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 192
US-09-776-479-433/c
; Sequence 433, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acid for the
```

```
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-433

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 193
US-09-776-479-433/C
; Sequence 433, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunoestimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-433

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 194
US-09-776-479-961/C
; Sequence 961, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunoestimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
```

```
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-961

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 195
US-09-776-479-961/C
; Sequence 961, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunoestimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-961

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 196
US-09-776-479-962
; Sequence 962, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunoestimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
```



TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-962

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAAAAACAAAAA 5415  
Db 1 AAAAAAAAAAAAAAAAAA 23

RESULT 197  
US-09-776-479-962  
Sequence 962, Application US/0976479  
Publication No. US20040067902A9  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
APPLICANT: Fouron, Yves  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
FILE REFERENCE: C1037/7013 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/09/776,479  
CURRENT FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US 60/179,991  
PRIOR FILING DATE: 2000-02-03  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 962  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-962

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAAAAACAAAAA 5415  
Db 1 AAAAAAAAAAAAAAAAAA 23

RESULT 198  
US-09-732-047B-1  
Sequence 1, Application US/09732047B  
Publication No. US20040175696A1  
GENERAL INFORMATION:  
APPLICANT: Ullman, Edwin  
APPLICANT: Singh, Rajendra  
APPLICANT: Dekeszer, Steve  
APPLICANT: Davallan, Darliah  
TITLE OF INVENTION: Amplified Luminescent Homogeneous  
FILE REFERENCE: BEH-7385  
CURRENT APPLICATION NUMBER: US/09/732,047B  
CURRENT FILING DATE: 2000-12-07  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 1  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: hybridization oligo  
US-09-732-047B-1

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAAAAACAAAAA 5415  
Db 1 AAAAAAAAAAAAAAAAAA 23

RESULT 199  
US-10-043-415-4  
Sequence 4, Application US/10043415  
Publication No. US20020182620A1  
GENERAL INFORMATION:  
APPLICANT: Kurn, Nurith  
APPLICANT: Patel, Rajesh D.  
TITLE OF INVENTION: Quantitative Determination of Nucleic  
FILE REFERENCE: BEH-7408  
CURRENT APPLICATION NUMBER: US/10/043,415  
CURRENT FILING DATE: 2002-01-10  
PRIOR APPLICATION NUMBER: US/09/025,639  
PRIOR FILING DATE: 1998-02-18  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 4  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc.binding  
LOCATION: (1)-(24)  
OTHER INFORMATION: Synthetic DNA Probe  
US-10-043-415-4

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAAAAACAAAAA 5415  
Db 1 AAAAAAAAAAAAAAAAAA 23

RESULT 200  
US-10-112-653-415/c  
Sequence 415, Application US/10112653  
Publication No. US20030050268A1  
GENERAL INFORMATION:  
APPLICANT: Kriegl, Arthur M.  
APPLICANT: Berg, Daniel J.  
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
FILE REFERENCE: C01039/70060 (AMS)  
CURRENT APPLICATION NUMBER: US/10/112,653  
CURRENT FILING DATE: 2002-03-29  
PRIOR APPLICATION NUMBER: US 60/279,642  
PRIOR FILING DATE: 2001-03-29  
NUMBER OF SEQ ID NOS: 1040  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 415  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-112-653-415

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAAAAACAAAAA 5415

```

Db      24  AAAAAAAAAAAAAAAAAAAAAA 2
|||||  |||||  |||||  |||||
RESULT 201
US-10-112-653-919/c
; Sequence 919, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 919
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
; US-10-112-653-919

```

[illegible]

```

RESULT 202
US-10-112-653-920
; Sequence 920, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITILE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: CO1039/70060 (AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 920
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
; US-10-112-653-920

```

Query Match	0.3%	Score 18.2	DB 1	Length 24
Best Local Similarity	87.0%	Pred. No. 2.7e+02		
Matches 20	Conservative 0	Mismatches 3	Indels 0	Gaps 0
QY	5393	AAAAAAAAATCAAAAAAAAAA	5415	
Db	1	AAAAAAAAAAAAAAAAAAAAA	23	

RESULT 203  
US-10-017-995-433/c  
; Sequence 433, Application US/10017995

```

: Publication No.: US2003005501A1
: GENERAL INFORMATION:
: APPLICANT: Bratzler, Robert L.
: TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
: FILE REFERENCE: C1037/7025 (HCL/MAT)
: CURRENT APPLICATION NUMBER: US/10/017,995
: CURRENT FILING DATE: 2001-12-18
: PRIOR APPLICATION NUMBER: US 60/255,534
: PRIOR FILING DATE: 2000-12-14
: NUMBER OF SEQ ID NOS: 1093
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 433
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic Sequence
US-10-017-995-433

```

Query Match	0.3%	Score 18.2	DB 1	Length 24
Best Local Similarity	87.0%	Pred. No. 2.7e+02		
Matches	20	Conservative	0	Mismatches 3
				Indels 0
				Gaps 0
QY	5393	AAAAAAAAACAAAAACAAAAA	5415	
DB	24	AAAAAAAAAAAAAAAAAAAAA	2	

```

RESULT 204
US-10-017-995-961/c
; Sequence 961, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-961

```

Query Match	0.3%	Score 18.2;	DB 1	Length 24;
Best Local Similarity	Pred. 0%	Pred. No. 2.7e+02;		
Matches	20;	Conservative 0;	Mismatches 3;	Indels 0;
5393	AAAAAAAAATCAAAAGCAAAAA	5415		
24	AAAAAAAAAAAAAAAAAAAAA	2		
Db				

```

RESULT 205
US-10-017-995-962
; Sequence 962, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCl/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0

```

SEQ ID NO 962  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-962

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAAGAAAAA 5415  
|||||  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

## RESULT 206

US-10-058-513-39/c  
Sequence 39, Application US/10058513  
Publication No. US20030087245A1  
GENERAL INFORMATION:  
APPLICANT: Gish, Kurt C.  
APPLICANT: Mack, David H.  
APPLICANT: Afar, Daniel  
APPLICANT: Bos Biotechnology, Inc.  
TITLE OF INVENTION: Uses of pHL in the Diagnosis and Therapeutic Treatment  
TITLE OF INVENTION: of Prostate Cancer  
FILE REFERENCE: 018501-005910US  
CURRENT APPLICATION NUMBER: US/10/058,513  
CURRENT FILING DATE: 2002-01-24  
PRIOR APPLICATION NUMBER: US 60/263,951  
PRIOR FILING DATE: 2001-01-24  
NUMBER OF SEQ ID NOS: 42  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 39  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: T7-(dT)-24  
US-10-058-513-39

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAAGAAAAA 5415  
|||||  
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

## RESULT 207

US-10-272-502A-2/c  
Sequence 2, Application US/10272502A  
Publication No. US20030139364A1  
GENERAL INFORMATION:  
APPLICANT: Kriegl, Arthur M.  
APPLICANT: Schetler, Christian  
APPLICANT: Bretzler, Robert L.  
APPLICANT: Vollmer, Jorg  
APPLICANT: Bauer, Stefan  
APPLICANT: Jurek, Marion  
TITLE OF INVENTION: METHODS AND PRODUCTS FOR ENHANCING IMMUNE RESPONSES USING  
TITLE OF INVENTION: IMIDAZOQUINOLINE COMPOUNDS  
FILE REFERENCE: C01039, 70065 US  
CURRENT APPLICATION NUMBER: US/10/272,502A  
CURRENT FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/329,208  
PRIOR FILING DATE: 2001-10-12  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: PatentIn version 3.1

SEQ ID NO 2  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-272-502A-2

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAAGAAAAA 5415  
|||||  
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

## RESULT 208

US-10-224-523-53/c  
Sequence 53, Application US/10224523  
Publication No. US20030148976A1  
GENERAL INFORMATION:  
APPLICANT: Kriegl, Arthur  
APPLICANT: Vollmer, Jorg  
APPLICANT: Ullmann, Eugen  
TITLE OF INVENTION: Combination Motif Immune Stimulatory Oligonucleotides with Improv  
TITLE OF INVENTION: Activity  
FILE REFERENCE: C01039/70063 (HCL/AWS)  
CURRENT APPLICATION NUMBER: US/10/224,523  
CURRENT FILING DATE: 2002-08-19  
PRIOR APPLICATION NUMBER: US 60/313,273  
PRIOR FILING DATE: 2001-08-17  
PRIOR APPLICATION NUMBER: US 60/393,952  
PRIOR FILING DATE: 2002-07-03  
NUMBER OF SEQ ID NOS: 81  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 53  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-224-523-53

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAAGAAAAA 5415  
|||||  
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

## RESULT 209

US-10-331-780-6  
Sequence 6, Application US/10331780  
Publication No. US20030162210A1  
GENERAL INFORMATION:  
APPLICANT: Chetverin, Alexander B.  
APPLICANT: Kramer, Fred Russel  
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,  
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS  
FILE REFERENCE: 07763-004002  
CURRENT APPLICATION NUMBER: US/10/331,780  
CURRENT FILING DATE: 2002-12-31  
PRIOR APPLICATION NUMBER: US/08/473,010  
PRIOR FILING DATE: 1995-06-07  
PRIOR APPLICATION NUMBER: US 08/247,530  
PRIOR FILING DATE: 1994-05-25  
PRIOR APPLICATION NUMBER: US 07/833,607  
PRIOR FILING DATE: 1992-02-19  
NUMBER OF SEQ ID NOS: 19  
SOFTWARE: FastSeq for Windows Version 3.0

```
/ SEQ ID NO 6
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetically derived DNA
US-10-314-780-6
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5391 TTAATAATTCAGAAAAAGAAAA 5413
DB      2  TTAATAATTCAGAAAAAGAAAA 24
```

```
RESULT 210
US-10-389-665-4
/ Sequence 4, Application US/10389665
/ Publication No. US20030175785A1
/ GENERAL INFORMATION:
/ APPLICANT: Kuhn, Nurith
/ APPLICANT: Patel, Rajesh D.
/ TITLE OF INVENTION: Quantitative Determination of Nucleic
/ FILE REFERENCE: BEH-7408
/ CURRENT APPLICATION NUMBER: US/10/389,665
/ PRIOR FILING DATE: 2003-03-14
/ PRIOR APPLICATION NUMBER: US/09/025,639
/ PRIOR FILING DATE: 1998-02-18
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 4
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc.binding
/ LOCATION: (1)..(24)
/ OTHER INFORMATION: Synthetic DNA Probe
US-10-389-665-4
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATTCAGAAAAAGAAAA 5415
DB      1  AAAAAAATTCAGAAAAAGAAAA 23
```

```
RESULT 211
US-10-314-578-433/C
/ Sequence 433, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 433
```

```
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-433
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATTCAGAAAAAGAAAA 5415
DB      24  AAAAAAATTCAGAAAAAGAAAA 2
```

```
RESULT 212
US-10-314-578-961/C
/ Sequence 961, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 961
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-961
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATTCAGAAAAAGAAAA 5415
DB      24  AAAAAAATTCAGAAAAAGAAAA 2
```

```
RESULT 213
US-10-314-578-962
/ Sequence 962, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
```

/ SEQ ID NO 962  
/ LENGTH: 24  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-962

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAA 5415  
|||||  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 214  
US-10-309-775A-19/c  
/ Sequence 19, Application US/10309775A  
/ Publication No. US20040006032A1  
/ GENERAL INFORMATION:  
/ APPLICANT: LOPEZ, Ricardo A.  
/ TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
/ FILE REFERENCE: 2901/0M327  
/ CURRENT APPLICATION NUMBER: US/10/309,775A  
/ CURRENT FILING DATE: 2002-12-04  
/ PRIOR APPLICATION NUMBER: CA 2,388,049  
/ PRIOR FILING DATE: 2002-05-30  
/ NUMBER OF SEQ ID NOS: 74  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 19  
/ LENGTH: 24  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: PCR primer  
US-10-309-775A-19

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAA 5415  
|||||  
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 215  
US-10-309-775A-24/c  
/ Sequence 24, Application US/10309775A  
/ Publication No. US20040006032A1  
/ GENERAL INFORMATION:  
/ APPLICANT: LOPEZ, Ricardo A.  
/ TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
/ FILE REFERENCE: 2901/0M327  
/ CURRENT APPLICATION NUMBER: US/10/309,775A  
/ CURRENT FILING DATE: 2002-12-04  
/ PRIOR APPLICATION NUMBER: CA 2,388,049  
/ PRIOR FILING DATE: 2002-05-30  
/ NUMBER OF SEQ ID NOS: 74  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 24  
/ LENGTH: 24  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: PCR primer  
US-10-309-775A-24

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAAAATAA 5425  
|||||  
Db 23 AAAAAATCAAAAAATGAAAAATAA 1

RESULT 216  
US-10-360-511-14/c  
/ Sequence 14, Application US/10360511  
/ Publication No. US20040014078A1  
/ GENERAL INFORMATION:  
/ APPLICANT: XIA, JAMES  
/ APPLICANT: BRUSH, CHARLES  
/ APPLICANT: GUPTA, VINSET  
/ APPLICANT: HUANG, HESHU  
/ APPLICANT: LI, CHANGMING  
/ APPLICANT: MARACAS, GEORGE  
/ APPLICANT: MARRERO, ROBERT  
/ APPLICANT: RAY, MELISSA  
/ APPLICANT: SUN, LEI  
/ APPLICANT: ZHANG, PEIYING  
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ROLLING CIRCLE AMPLIFICATION  
/ FILE REFERENCE: PU0290  
/ CURRENT APPLICATION NUMBER: US/10/360,511  
/ CURRENT FILING DATE: 2003-02-06  
/ PRIOR APPLICATION NUMBER: 60/355,374  
/ PRIOR FILING DATE: 2002-02-06  
/ NUMBER OF SEQ ID NOS: 18  
/ SOFTWARE: PatentIn Ver. 2.1  
/ SEQ ID NO 14  
/ LENGTH: 24  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-360-511-14

Query Match 0.3%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAA 5415  
|||||  
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 217  
US-10-058-270A-140/c  
/ Sequence 140, Application US/10058270A  
/ Publication No. US20040029114A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Mack, David H.  
/ APPLICANT: Gish, Kurt C.  
/ APPLICANT: Afari, Daniel  
/ TITLE OF INVENTION: Methods of Diagnosis of Breast Cancer, Compositions and Methods of Screening for Modulators of Breast Cancer  
/ FILE REFERENCE: 018501-005210US  
/ CURRENT APPLICATION NUMBER: US/10/058,270A  
/ CURRENT FILING DATE: 2002-01-24  
/ PRIOR APPLICATION NUMBER: US 60/263,965  
/ PRIOR FILING DATE: 2001-01-24  
/ PRIOR APPLICATION NUMBER: US 60/265,928  
/ PRIOR FILING DATE: 2001-02-02  
/ PRIOR APPLICATION NUMBER: US 09/829,472  
/ PRIOR FILING DATE: 2001-04-09  
/ PRIOR APPLICATION NUMBER: US 60/282,698  
/ PRIOR FILING DATE: 2001-04-09  
/ PRIOR APPLICATION NUMBER: US 60/288,590  
/ PRIOR FILING DATE: 2001-05-04  
/ PRIOR APPLICATION NUMBER: US 60/294,443  
/ PRIOR FILING DATE: 2001-05-29

```
/ NUMBER OF SEQ ID NOS: 141
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 140
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: T7-T24 oligo
/ NAME/KEY: modified base
/ LOCATION: (8)-(24)
/ OTHER INFORMATION: c at positions 8-24 may be present or absent
US-10-058-270A-140
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAAA 5415
DB 24 AAAAAAAAAAAAAAAAAAAAAA 2
```

```
RESULT 218
US-10-671-628-10/c
/ Sequence 10, Application US/10671628
/ Publication No. US20040068105A1
/ GENERAL INFORMATION:
/ APPLICANT: ITO, Kikukatsu
/ TITLE OF INVENTION: Plant Thermogenic Genes and Proteins
/ FILE REFERENCE: 2003-1386A/WMC/00653
/ CURRENT FILING DATE: 2003-09-29
/ PRIOR APPLICATION NUMBER: US/10/671,628
/ PRIOR FILING DATE: 2003-01-23
/ PRIOR APPLICATION NUMBER: PCT/JP00/03806
/ PRIOR FILING DATE: 2000-06-12
/ PRIOR APPLICATION NUMBER: JP1-167439
/ PRIOR FILING DATE: 1999-06-14
/ NUMBER OF SEQ ID NOS: 12
/ SOFTWARE: Patentln Ver. 2.0
/ SEQ ID NO 10
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: CDNA Primer
US-10-671-628-10
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAAA 5415
DB 24 AAAAAAAAAAAAAAAAAAAAAA 2
```

```
RESULT 219
US-10-062-188-106/c
/ Sequence 106, Application US/10062188
/ Publication No. US20040096826A1
/ GENERAL INFORMATION:
/ APPLICANT: Evans, Glen A.
/ TITLE OF INVENTION: Methods For Creating Recombination
/ TITLE OF INVENTION: Products Between Nucleotide Sequences
/ FILE REFERENCE: P-EA 5008
/ CURRENT APPLICATION NUMBER: US/10/062,188
/ CURRENT FILING DATE: 2001-01-31
/ NUMBER OF SEQ ID NOS: 231
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 106
/ LENGTH: 24
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic construct
US-10-062-188-106
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAAA 5415
DB 24 AAAAAAAAAAAAAAAAAAAAAA 2
```

```
RESULT 220
US-10-374-307-13
/ Sequence 13, Application US/10374307
/ Publication No. US20040170984A1
/ GENERAL INFORMATION:
/ APPLICANT: Leproust, Eric M.
/ APPLICANT: Amorese, Douglas A.
/ APPLICANT: Kronick, Mel N.
/ TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
/ TITLE OF INVENTION: PRINTERHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
/ FILE REFERENCE: AGIL-078
/ CURRENT APPLICATION NUMBER: US/10/374,307
/ CURRENT FILING DATE: 2003-02-25
/ NUMBER OF SEQ ID NOS: 21
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 13
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-374-307-13
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAAAAAA 23
```

```
RESULT 221
US-10-374-307-16/c
/ Sequence 16, Application US/10374307
/ Publication No. US20040170984A1
/ GENERAL INFORMATION:
/ APPLICANT: Leproust, Eric M.
/ APPLICANT: Amorese, Douglas A.
/ APPLICANT: Kronick, Mel N.
/ TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
/ TITLE OF INVENTION: PRINTERHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
/ FILE REFERENCE: AGIL-078
/ CURRENT APPLICATION NUMBER: US/10/374,307
/ CURRENT FILING DATE: 2003-02-25
/ NUMBER OF SEQ ID NOS: 21
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 16
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-374-307-16
```

```
Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATACAAAAAGAAAAA 5415
```

Db 24 ||||| ||||| |||||  
AAAAAAAAAAAAAAAAAAAA 2

RESULT 222  
US-09-282-734-23/C  
; Sequence 23, Application US/09282734A  
; Publication No. US20020182597A1  
; GENERAL INFORMATION:  
; APPLICANT: Robert G. Kuimelis et al.  
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS  
; FILE REFERENCE: 50036/009002  
; CURRENT APPLICATION NUMBER: US/09/282,734A  
; PRIOR FILING DATE: 1999-03-03  
; EARLIER APPLICATION NUMBER: 60/080,686  
; PRIOR FILING DATE: 1998-04-03  
; NUMBER OF SEQ ID NOS: 29  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 23  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Capture probe sequence  
US-09-282-734-23.

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAA 5415  
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 223  
US-09-730-478A-8/C  
; Sequence 8, Application US/09730478A  
; Publication No. US20040172685A1  
; GENERAL INFORMATION:  
; APPLICANT: MONDY, JOHN  
; APPLICANT: JENSEN, ANDERS BORGH  
; APPLICANT: PETERSEN, MORTEN  
; APPLICANT: NASTVED, HENRIK  
; APPLICANT: BRODRSEN, PETER  
; TITLE OF INVENTION: METHOD OF USING ARABIDOPSIS MAPK4 AND ORTHOLOGUES THEREOF TO  
; FILE REFERENCE: 030307/0193  
; CURRENT APPLICATION NUMBER: US/09/730,478A  
; PRIOR FILING DATE: 2000-12-06  
; PRIOR APPLICATION NUMBER: PCT/DK00/00674  
; PRIOR FILING DATE: 2000-12-06  
; PRIOR APPLICATION NUMBER: PA 1999 01746  
; PRIOR FILING DATE: 1999-12-06  
; PRIOR APPLICATION NUMBER: 60/169,614  
; PRIOR FILING DATE: 1999-12-08  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 8  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-09-730-478A-8

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAA 5415  
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 224  
US-10-060-756A-2119  
; Sequence 2119, Application US/10060756A  
; Publication No. US20030046717A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhang, Jian  
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
; FILE REFERENCE: PB0177  
; CURRENT APPLICATION NUMBER: US/10/060,756A  
; PRIOR FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/327,898  
; PRIOR FILING DATE: 2001-10-09  
; NUMBER OF SEQ ID NOS: 4804  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 2119  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-756A-2119

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 772 GCCCAAGCCGAGAAAGGCGAG 794  
Db 2 GCCCAAGCCGAGCGGCGCG 24

RESULT 225  
US-10-060-756A-2120  
; Sequence 2120, Application US/10060756A  
; Publication No. US20030046717A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhang, Jian  
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
; FILE REFERENCE: PB0177  
; CURRENT APPLICATION NUMBER: US/10/060,756A  
; PRIOR FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/327,898  
; PRIOR FILING DATE: 2001-10-09  
; NUMBER OF SEQ ID NOS: 4804  
; SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 2120  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-060-756A-2120

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 GCCCAAGCCCGAGAGGGCAGG 794  
DB 1 GCCCAAGCCCGAGCGCGGCGG 23

RESULT 226  
US-10-098-263B-128639  
Sequence 128639, Application US/10098263B  
Publication No. US20030104410A1  
GENERAL INFORMATION:  
APPLICANT: Miltman, Michael  
TITLE OF INVENTION: Human Microarray  
FILE REFERENCE: 3118.1  
CURRENT APPLICATION NUMBER: US/10/098,263B  
CURRENT FILING DATE: 2003-01-08  
PRIOR APPLICATION NUMBER: 60/276,759  
PRIOR FILING DATE: 2001-03-16  
NUMBER OF SEQ ID NOS: 131066  
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
SEQ ID NO 128639  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-098-263B-128639

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3444 GGAGCAGAGGAAACCTCAGCTCG 3466  
DB 3 GGAGCAGAGGATCTCAGCTAC 25

RESULT 227  
US-10-348-627-23/C  
Sequence 23, Application US/10348627  
Publication No. US20030143616A1  
GENERAL INFORMATION:  
APPLICANT: Robert G. Kuimelis et al.  
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS  
FILE REFERENCE: 50036/009002  
CURRENT APPLICATION NUMBER: US/10/348,627  
CURRENT FILING DATE: 2003-01-22  
PRIOR APPLICATION NUMBER: US/09/282,734A  
PRIOR FILING DATE: 1999-03-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,686  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03  
NUMBER OF SEQ ID NOS: 29  
SOFTWARE: FASTSEQ for Windows Version 3.0  
SEQ ID NO 23  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Capture probe sequence  
US-10-348-627-23

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415

DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 228  
US-10-224-289-11/C  
Sequence 11, Application US/10224289  
Publication No. US20030207288A1  
GENERAL INFORMATION:  
APPLICANT: LEWIN, DAVID A.  
TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND  
FILE REFERENCE: 9800081-0085  
CURRENT APPLICATION NUMBER: US/10/224,289  
CURRENT FILING DATE: 2002-08-20  
PRIOR APPLICATION NUMBER: 60/313,940  
PRIOR FILING DATE: 2001-08-20  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 11  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-224-289-11

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415  
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 229  
US-10-239-655A-9/C  
Sequence 9, Application US/10239655A  
Publication No. US20040048616A1  
GENERAL INFORMATION:  
APPLICANT: ZOHLENHOFER, DIETLIND  
APPLICANT: BAUERLE, PATRICK  
APPLICANT: KLEIN, CHRISTOPH  
APPLICANT: NEUMANN, FRANZ-JOSEF  
TITLE OF INVENTION: RESTENOSIS TREATMENT  
FILE REFERENCE: 029976/0103  
CURRENT APPLICATION NUMBER: US/10/239,655A  
CURRENT FILING DATE: 2003-02-02  
PRIOR APPLICATION NUMBER: PCT/EP01/03312  
PRIOR FILING DATE: 2001-03-23  
PRIOR APPLICATION NUMBER: EP 00106468.2  
PRIOR FILING DATE: 2000-03-24  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 9  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-239-655A-9

Query Match 0.3%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 2.7e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415  
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3



```

RESULT 230
US-09-823-14/c
; Sequence 14, Application US/09099823
; Patent No. US20020018990A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANDOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLAS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: SCHEFFEL, CHRISTI
; APPLICANT: STROUPE, STEPHEN D.
; APPLICANT: YU, HONG
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: PastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/099,823
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/879,354
; FILING DATE: 20-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6120.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-099-823-14

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Beet Local Similarity 87.0%; Pred.No.2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 231
US-09-923-246-39/c
; Sequence 39, Application US/09923246
; Patent No. US20020128446A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020128446A1ak, Julia E.
; APPLICANT: Preenell, Scott R.

```

```

RESULT 233
US-09-092-296-10/c

OY      5393 AAAAAAAAAACAAAAAGAAAAA 5415
        ||||| | ||||| |||||
DB       26 AAAAAAAAAAAAAAAAAAAAAAA 4

Query Match          0.3%, Score 18.2; DB 1; Length 26;
Beat Local Similarity 87.0%; Pred.No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 232
US-09-920-342-3/c
US-09-920-342-3/c
Sequence 3, Application US/09920342
Patent No. US20020137709A1
GENERAL INFORMATION:
APPLICANT: University of Southern California
APPLICANT: Lin, Shi-Lung
APPLICANT: Chuong, Cheng-Ming
APPLICANT: Midelitz, Randall B.
TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS
FILE REFERENCE: 13761-7024
CURRENT APPLICATION NUMBER: US/09/920,342
CURRENT FILING DATE: 2002-01-17
PRIOR APPLICATION NUMBER: US 60/222,479
PRIOR FILING DATE: 2000-08-02
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Poly(dT)-2mer primer
US-09-920-342-3

Query Match          0.3%, Score 18.2; DB 1; Length 26;
Beat Local Similarity 87.0%; Pred.No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      5393 AAAAAAAAAACAAAAAGAAAAA 5415
        ||||| | ||||| |||||
DB       26 AAAAAAAAAAAAAAAAAAAAAAA 4

Query Match          0.3%, Score 18.2; DB 1; Length 26;
Beat Local Similarity 87.0%; Pred.No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```
/ Sequence 10, Application US/09092296
/ Publication No. US2002018114A1
/ GENERAL INFORMATION:
/ APPLICANT: BILLING-MEDEL, PATRICIA
/ APPLICANT: COHEN, MAURICE
/ APPLICANT: COLPITTS, TRACY L.
/ APPLICANT: FRIEDMAN, PAULA N.
/ APPLICANT: KLAAS, MICHAEL R.
/ APPLICANT: RUSSELL, JOHN C.
/ APPLICANT: STROUPE, STEPHEN D.
/ TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
/ TITLE OF INVENTION: FOR DETECTING DISEASES OF THE LUNG
/ NUMBER OF SEQUENCES: 20
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Abbott Laboratories
/ STREET: 100 Abbott Park Road
/ CITY: Abbott Park
/ STATE: IL
/ COUNTRY: USA
/ ZIP: 60064-3500
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/092,296
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/048,810
/ FILING DATE: 05-JUN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Becker, Cheryl L.
/ REGISTRATION NUMBER: 35,441
/ REFERENCE/DOCKET NUMBER: 6104.US.01
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 847/935-1729
/ TELEFAX: 847/938-2623
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-092-296-10

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAAAA 5415
Db      25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 234
US-09-943-305B-4/c
/ Sequence 4, Application US/09949305B
/ Publication No. US20030022318A1
/ GENERAL INFORMATION:
/ APPLICANT: Lin, Shi-Lung
/ APPLICANT: Ying, Shao-Yao
/ TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
/ TITLE OF INVENTION: Generation of Related Peptides Thereof
/ FILE REFERENCE: 266/014
/ CURRENT APPLICATION NUMBER: US/09/949,305B
/ CURRENT FILING DATE: 2001-09-07
/ PRIOR APPLICATION NUMBER: 09/494,212
/ PRIOR FILING DATE: 2000-01-25
/ NUMBER OF SEQ ID NOS: 12
/ SOFTWARE: PatentIn version 3.1
```

```
/ SEQ ID NO 4
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: poly(dT) primer
/ US-09-949-305B-4

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAAAA 5415
Db      26 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 235
US-10-053-883-53/c
/ Sequence 53, Application US/10053883
/ Publication No. US20030113737A1
/ GENERAL INFORMATION:
/ APPLICANT: PEDERSEN, Morten Lorentz
/ TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
/ FILE REFERENCE: PEDERSEN=1A
/ CURRENT APPLICATION NUMBER: US/10/053,883
/ CURRENT FILING DATE: 2002-01-02
/ PRIOR APPLICATION NUMBER: PA 2001 00126
/ PRIOR FILING DATE: 2001-01-24
/ PRIOR APPLICATION NUMBER: US 60/267,704
/ PRIOR FILING DATE: 2001-02-12
/ NUMBER OF SEQ ID NOS: 148
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 53
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic
/ US-10-053-883-53

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAAAA 5415
Db      26 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 236
US-10-295-723-39/c
/ Sequence 39, Application US/10295723
/ Publication No. US20030125524A1
/ GENERAL INFORMATION:
/ APPLICANT: No. US20030125524A1ak, Julia E.
/ APPLICANT: Presnell, Scott R.
/ APPLICANT: Sprecher, Cindy A.
/ APPLICANT: Foster, Donald C.
/ APPLICANT: Holly, Richard D.
/ APPLICANT: Gross, Jane A.
/ APPLICANT: Johnston, Janet V.
/ APPLICANT: Nelson, Andrew J.
/ APPLICANT: Dillon, Stacey R.
/ APPLICANT: Hammond, Angela K.
/ TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
/ FILE REFERENCE: 99-16
/ CURRENT APPLICATION NUMBER: US/10/295,723
/ CURRENT FILING DATE: 2002-11-15
/ PRIOR APPLICATION NUMBER: 09/522,217
/ PRIOR FILING DATE: 2000-03-09
/ PRIOR APPLICATION NUMBER: US 60/123,547
/ PRIOR FILING DATE: 1999-03-09
```

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/ PRIOR APPLICATION NUMBER: US 60/123,904
/ PRIOR FILING DATE: 1999-03-11
/ PRIOR APPLICATION NUMBER: US 60/142,013
/ PRIOR FILING DATE: 1999-07-01
/ NUMBER OF SEQ ID NOS: 115
/ SOFTWARE: FaastSeq for Windows Version 3.0
/ SEQ ID NO 39
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-295-723-39

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAGAAAAA 3

RESULT 237
US-10-659-684-39/c
/ Sequence 39, Application US/10659684
/ Publication No. US20040110932A1
/ GENERAL INFORMATION:
/ APPLICANT: Novak, Julia E.
/ APPLICANT: Presnell, Scott R.
/ APPLICANT: Sprecher, Cindy A.
/ APPLICANT: Foster, Donald C.
/ APPLICANT: Holly, Richard D.
/ APPLICANT: Gross, Jane A.
/ APPLICANT: Johnston, Janet V.
/ APPLICANT: Nelson, Andrew J.
/ APPLICANT: Dillon, Stacey R.
/ APPLICANT: Hammond, Angela K.
/ TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAN1 LIGAND
/ FILE REFERENCE: 99-16
/ CURRENT APPLICATION NUMBER: US/10/659,684
/ CURRENT FILING DATE: 2003-09-10
/ PRIOR APPLICATION NUMBER: US/09/522,217
/ PRIOR FILING DATE: 2000-03-09
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
/ NUMBER OF SEQ ID NOS: 115
/ SOFTWARE: FaastSeq for Windows Version 3.0
/ SEQ ID NO 39
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-659-684-39

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.8e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowbert
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
/ FILE REFERENCE: RTS-0375
/ CURRENT APPLICATION NUMBER: US/10/199,199
/ CURRENT FILING DATE: 2002-07-18
/ NUMBER OF SEQ ID NOS: 148
/ SEQ ID NO 70
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-199-70

Query Match      0.3%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2643 GCAGCTGCTGTCGACCC 2660
DB 1 GCAGCTGCTGTCGACCC 18

RESULT 239
US-10-199-199-135/c
/ Sequence 135, Application US/10199199
/ Publication No. US20040014047A1
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowbert
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
/ FILE REFERENCE: RTS-0375
/ CURRENT APPLICATION NUMBER: US/10/199,199
/ CURRENT FILING DATE: 2002-07-18
/ NUMBER OF SEQ ID NOS: 148
/ SEQ ID NO 135
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
/ OTHER INFORMATION:
US-10-199-199-135

Query Match      0.3%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2643 GCAGCTGCTGTCGACCC 2660
DB 20 GCAGCTGCTGTCGACCC 3

RESULT 240
US-10-184-085A-865/c
/ Sequence 865, Application US/10184085A
/ Publication No. US20030152950A1
/ GENERAL INFORMATION:
/ APPLICANT: Garner, Harold R.
/ APPLICANT: Minna, John D.
/ APPLICANT: Lubcke, Kevin, J.
/ APPLICANT: Balog, Robert P.
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers
/ FILE REFERENCE: 119929-1035
/ CURRENT APPLICATION NUMBER: US/10/184,085A
/ CURRENT FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: US 60/301,370
/ PRIOR FILING DATE: 2001-06-27
/ NUMBER OF SEQ ID NOS: 1291
/ SOFTWARE: FaastSeq for Windows Version 4.0
/ SEQ ID NO 865
/ LENGTH: 21
/ TYPE: DNA
```



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; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-908

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAGAA 1200
DB      22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 245
US-09-776-479-908/c
; Sequence 908, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Pouyon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-908

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAGAA 1200
DB      22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 246
US-10-112-653-877/c
; Sequence 877, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
```

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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 877
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-877

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAGAA 1200
DB      22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 247
US-10-017-995-908/c
; Sequence 908, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-908

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAGAA 1200
DB      22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 248
US-10-314-578-908/c
; Sequence 908, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-908

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAAA 1200
      ||||| ||||| ||||| ||||| |||||
Db      22 AGAGAGAGAGAGAGAGAGAGA 2

RESULT 249
US-10-188-248-176/c
/ Sequence 176, Application US/10188248
/ Publication No. US20040029790A1
/ GENERAL INFORMATION:
/ APPLICANT: Patuturajan, Meera
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Anderson, David W.
/ APPLICANT: Taupier Jr., Raymond J.
/ APPLICANT: Zernusen, Bryan D.
/ APPLICANT: Guo, Xiaojia Sasha
/ APPLICANT: Casman, Stacie J.
/ APPLICANT: Hjalt, Tord
/ APPLICANT: Miller, Charles E.
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: Shinkets, Richard A.
/ APPLICANT: Malyankar, Uriel M.
/ APPLICANT: Zhong, Mei
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Li, Li
/ APPLICANT: Shenoy, Suresh G.
/ APPLICANT: Gorman, Linda
/ APPLICANT: Edinger, Shlomit R.
/ TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS C
/ FILE REFERENCE: 21402-297D
/ CURRENT APPLICATION NUMBER: US/10/188,248
/ PRIOR FILING DATE: 2002-07-02
/ PRIOR APPLICATION NUMBER: 60/303,046
/ PRIOR FILING DATE: 2001-07-05
/ PRIOR APPLICATION NUMBER: 60/303,828
/ PRIOR FILING DATE: 2001-07-09
/ PRIOR APPLICATION NUMBER: 60/358,932
/ PRIOR FILING DATE: 2002-02-22
/ PRIOR APPLICATION NUMBER: 60/304,502
/ PRIOR FILING DATE: 2001-07-11
/ PRIOR APPLICATION NUMBER: 60/305,011
/ PRIOR FILING DATE: 2001-07-12
/ PRIOR APPLICATION NUMBER: 60/305,262
/ PRIOR FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: 60/307,536
/ PRIOR FILING DATE: 2001-07-24
/ PRIOR APPLICATION NUMBER: 60/306,085
/ PRIOR FILING DATE: 2001-07-17
/ PRIOR APPLICATION NUMBER: 60/308,228
/ PRIOR FILING DATE: 2001-07-27
/ PRIOR APPLICATION NUMBER: 60/323,449
/ PRIOR FILING DATE: 2001-09-19
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 234
/ SOFTWARE: CuroSeqList version 0.1
/ SEQ ID NO 176
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-188-248-176

Query Match          0.3%; Score 17.8; DB 1; Length 22;
```

```
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3682 GTGAACTCTGTGTGGTGCT 3702
      ||||| ||||| ||||| ||||| |||||
Db      21 GTGGACTCTGTGTGGTGCT 1

RESULT 250
US-10-766-590-4
/ Sequence 4, Application US/10766590
/ Publication No. US20040180370A1
/ GENERAL INFORMATION:
/ APPLICANT: Tabakoff, Boris
/ APPLICANT: Martinez, Larry
/ APPLICANT: Hoffman, Paula
/ TITLE OF INVENTION: Genetic Diagnosis of Alcoholic Subtypes
/ FILE REFERENCE: UTC-08617
/ CURRENT APPLICATION NUMBER: US/10/766,590
/ CURRENT FILING DATE: 2004-01-27
/ PRIOR APPLICATION NUMBER: 60/443,072
/ PRIOR FILING DATE: 2003-01-27
/ NUMBER OF SEQ ID NOS: 20
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 4
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-766-590-4

Query Match          0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAAA 1200
      ||||| ||||| ||||| ||||| |||||
Db      2 AGAGAGAGAGAGAGAGAGAGA 22

RESULT 251
US-10-374-307-8
/ Sequence 8, Application US/10374307
/ Publication No. US20040170984A1
/ GENERAL INFORMATION:
/ APPLICANT: Leproust, Eric M.
/ APPLICANT: Amorese, Douglas A.
/ APPLICANT: Kronick, Mel N.
/ TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
/ TITLE OF INVENTION: PRINTERHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
/ FILE REFERENCE: AGIL-078
/ CURRENT APPLICATION NUMBER: US/10/374,307
/ CURRENT FILING DATE: 2003-02-25
/ NUMBER OF SEQ ID NOS: 21
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 8
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-10-374-307-8

Query Match          0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 3.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAAA 1200
      ||||| ||||| ||||| ||||| |||||
Db      1 AGAGAGAGAGAGAGAGAGAGA 21

RESULT 252
US-10-374-307-11/c
/ Sequence 11, Application US/10374307
```

```

; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amoresse, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
; US-10-374-307-11

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAGAA 1200
Db 24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 253
US-10-215-112-10652/c
; Sequence 10652, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Miltmann
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; CURRENT APPLICATION NUMBER: US/10/215,112
; CURRENT FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10652
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
; US-10-215-112-10652

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 GGGTTTGAGACAGCTGCTG 946
Db 21 GGGTTTGAGACAGCTGCTG 1

RESULT 254
US-10-480-013-2/c
; Sequence 2, Application US/10480013
; Publication No. US20040157794A1
; GENERAL INFORMATION:
; APPLICANT: Pohang Foundation
; TITLE OF INVENTION: CALIX[4]ARENE-NUCLEOSIDE AND CALIX[4]ARENE-OLIGONUCLEOTIDE
; FILE REFERENCE: PCA20633/PSC
; CURRENT APPLICATION NUMBER: US/10/480,013
; CURRENT FILING DATE: 2003-12-04
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Kopatentin 1.71
; SEQ ID NO 2
; LENGTH: 25

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: calix[4]arene-oligonucleotide hybrid 2
; NAME/KEY: misc_feature
; LOCATION: (13)
; OTHER INFORMATION: calix[4]arene-nucleoside of chemical formula 1
; US-10-480-013-2

Query Match
Best Local Similarity 86.4%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAGAAAAAGAAAA 5414
Db 22 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 255
US-10-775-169-1124
; Sequence 1124, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepichio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 1124
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
; US-10-775-169-1124

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1867 CTTCCCGAGCACTCTTCTG 1887
Db 1 CTTCCCGAGCACTCTCTG 21

RESULT 256
US-10-131-827-502/c
; Sequence 502, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Woblgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 502
; LENGTH: 50
; TYPE: DNA

```

ORGANISM: Homo sapiens  
US-10-131-827-502

Query Match 0.3%; Score 17.8; DB 1; Length 50;  
Best Local Similarity 75.9%; Pred. No. 4.3e+02;  
Matches 22; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 5178 GAGCCCAAAATYGGGCTTCAGCTGGGA 5206  
DB 50 GAACCCCAATTGCGGCTCACCCGTGTGA 22

RESULT 257  
US-10-270-839-76

Sequence 76, Application US/10270839  
Publication No. US20030143586A1  
GENERAL INFORMATION:  
APPLICANT: Chao, Qimin  
APPLICANT: Grasso, Luigi  
APPLICANT: Sasse, Philip M.  
APPLICANT: Nicolaides, Nicholas C.  
TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnost  
FILE REFERENCE: AG0002US (MOR-0133)  
CURRENT APPLICATION NUMBER: US/10/270,839  
PRIOR FILING DATE: 2002-10-11  
PRIOR APPLICATION NUMBER: 60/328,750  
NUMBER OF SEQ ID NOS: 129  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 76  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer  
NAME/KEY: misc\_feature  
LOCATION: (21)..(21)  
OTHER INFORMATION: H is A or C or T/U, not G  
US-10-270-839-76

Query Match 0.3%; Score 17.6; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 3.1e+02;  
Matches 18; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAAGAAGAGAGAGAGA 1199  
DB 2 AGAGAGAGAGAGAGAGAH 21

RESULT 258  
US-09-915-152-9  
Sequence 9, Application US/09915152  
Publication No. US20020082298A1  
GENERAL INFORMATION:  
APPLICANT: Fluehmann, Beat  
APPLICANT: Helm, Manuel  
APPLICANT: Hunziker, Willi  
APPLICANT: Weber, Peter  
TITLE OF INVENTION: PHYTANIC ACID DERIVATIVE COMPOSITIONS AND METHOD OF TREATING  
TITLE OF INVENTION: AND/OR PREVENTING DIABETES MELLITUS  
FILE REFERENCE: 20722 US/Mez (C038435/0119491)  
CURRENT APPLICATION NUMBER: US/09/915,152  
CURRENT FILING DATE: 2001-07-25  
PRIOR APPLICATION NUMBER: EPO 00116848.3  
PRIOR FILING DATE: 2000-08-04  
NUMBER OF SEQ ID NOS: 45  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 9  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide used for the amplification of  
OTHER INFORMATION: glucokinase.  
US-09-915-152-9

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3128 AGCTGACCTGAGCTTCATGTGC 3151  
DB 1 AGCTGACACCGAGGCTTCAAGAGAC 24

RESULT 259  
US-09-405-032-21

Sequence 21, Application US/09405032  
Publication No. US20030207827A1  
GENERAL INFORMATION:  
APPLICANT: Amgen Inc.  
TITLE OF INVENTION: OSTEOPROTEGERIN  
NUMBER OF SEQUENCES: 168  
CORRESPONDENCE ADDRESS:  
ADDRESS: Amgen Inc.  
STREET: 1840 Dehavilland Drive  
CITY: Thousand Oaks  
STATE: California  
COUNTRY: United States  
ZIP: 91320  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/405,032  
FILING DATE: 24-Sep-1999  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Winter, Robert B.  
REFERENCE/DOCKET NUMBER: A-378-CIP2  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 21:  
US-09-405-032-21

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATCGGAAGCTTTCAGCTTG 4686  
DB 1 CAGATCTGAAGCTGCTCAGTTTG 24

RESULT 260  
US-10-309-775A-20/c  
Sequence 20, Application US/10309775A  
Publication No. US2004006032A1  
GENERAL INFORMATION:  
APPLICANT: Lopez, Ricardo A.  
TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
FILE REFERENCE: 2901/OM327  
CURRENT APPLICATION NUMBER: US/10/309,775A  
CURRENT FILING DATE: 2002-12-04  
PRIOR APPLICATION NUMBER: CA 2,388,049  
PRIOR FILING DATE: 2002-05-30  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: PatentIn version 3.1



/ SEQ ID NO 20  
/ LENGTH: 24  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: PCR primer  
US-10-309-775A-20

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5394 AAAAAATACAAAAGAAAATG 5417  
DB 24 AAAAAAAAAAAAAAAAACAAAATG 1

RESULT 261  
US-10-309-775A-21/c  
/ Sequence 21, Application US/10309775A  
/ Publication No. US20040006032A1  
/ GENERAL INFORMATION:  
/ APPLICANT: LOPEZ, Ricardo A.  
/ TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
/ FILE REFERENCE: 2901/0M327  
/ CURRENT APPLICATION NUMBER: US/10/309,775A  
/ PRIOR FILING DATE: 2002-12-04  
/ PRIOR APPLICATION NUMBER: CA 2,388,049  
/ PRIOR FILING DATE: 2002-05-30  
/ NUMBER OF SEQ ID NOS: 74  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 21  
/ LENGTH: 24  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: PCR primer  
US-10-309-775A-21

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5396 AAAAAATCAAAAAGAAAATGAA 5419  
DB 24 AAAAAAAAAAAAAAAAACAAAATGAA 1

RESULT 262  
US-10-309-775A-22/c  
/ Sequence 22, Application US/10309775A  
/ Publication No. US20040006032A1  
/ GENERAL INFORMATION:  
/ APPLICANT: LOPEZ, Ricardo A.  
/ TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
/ FILE REFERENCE: 2901/0M327  
/ CURRENT APPLICATION NUMBER: US/10/309,775A  
/ PRIOR FILING DATE: 2002-12-04  
/ PRIOR APPLICATION NUMBER: CA 2,388,049  
/ PRIOR FILING DATE: 2002-05-30  
/ NUMBER OF SEQ ID NOS: 74  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 22  
/ LENGTH: 24  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: PCR primer  
US-10-309-775A-22

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5398 AATACAAAAAAGAAAATGAAA 5421  
DB 24 AAAAAAAAAAAAAAAAACAAAATGAAA 1

RESULT 263  
US-10-766-118-9  
/ Sequence 9, Application US/10766118  
/ Publication No. US20040138181A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Fluehmann, Beat  
/ APPLICANT: Heim, Manuel  
/ APPLICANT: Hunziker, Wili  
/ APPLICANT: Weber, Peter  
/ TITLE OF INVENTION: PHYTANIC ACID DERIVATIVE COMPOSITIONS AND METHOD OF TREATING  
/ AND/OR PREVENTING DIABETES MELLITUS  
/ FILE REFERENCE: 20722 US/Mez (C038435/0119491)  
/ CURRENT APPLICATION NUMBER: US/10/766,118  
/ PRIOR FILING DATE: 2004-01-27  
/ PRIOR APPLICATION NUMBER: US/09/915,152  
/ PRIOR FILING DATE: 2001-07-25  
/ PRIOR APPLICATION NUMBER: EPO 00116848.3  
/ PRIOR FILING DATE: 2000-08-04  
/ NUMBER OF SEQ ID NOS: 45  
/ SOFTWARE: PatentIn version 3.2  
/ SEQ ID NO 9  
/ LENGTH: 24  
/ TYPE: DNA  
/ ORGANISM: Artificial  
/ FEATURE:  
/ OTHER INFORMATION: Synthetic oligonucleotide used for the amplification of  
US-10-766-118-9

Query Match 0.3%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 3.3e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3128 ACGTGACCTGAGCTTCATGTC 3151  
DB 1 ACGTGACCCGAGCTTCAGAGGC 24

RESULT 264  
US-09-866-108-4831  
/ Sequence 4831, Application US/09866108  
/ Patent No. US20020048800A1  
/ GENERAL INFORMATION:  
/ APPLICANT: GU, Yizhong  
/ APPLICANT: UI, Yonggang  
/ APPLICANT: PENN, Sharron G.  
/ APPLICANT: HANZEL, David K.  
/ APPLICANT: RANK, David R.  
/ APPLICANT: CHEN, Wensheng  
/ APPLICANT: SHANNON, Mark  
/ TITLE OF INVENTION: MOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
/ FILE REFERENCE: ABONICA-7  
/ CURRENT APPLICATION NUMBER: US/09/866,108  
/ PRIOR FILING DATE: 2001-05-25  
/ PRIOR APPLICATION NUMBER: US 60/207,456  
/ PRIOR FILING DATE: 2000-05-26  
/ PRIOR APPLICATION NUMBER: GB 24263.6  
/ PRIOR FILING DATE: 2000-10-04  
/ PRIOR APPLICATION NUMBER: US 60/236,359  
/ PRIOR FILING DATE: 2000-09-27  
/ PRIOR APPLICATION NUMBER: PCT/US01/00666  
/ PRIOR FILING DATE: 2001-01-30  
/ PRIOR APPLICATION NUMBER: PCT/US01/00667  
/ PRIOR FILING DATE: 2001-01-30  
/ PRIOR APPLICATION NUMBER: PCT/US01/00664  
/ PRIOR FILING DATE: 2001-01-30  
/ PRIOR APPLICATION NUMBER: PCT/US01/00669

```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO: 4831
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-4831
```

```
Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      3257 AGGACCTGGCCTCTGTGCTTAGTG 3280
Db      2 AGGACCTGGCCTCTCTCATCAGTG 25
```

```
RESULT 265
US-09-866-108-4832
/ Sequence 4832, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
```

```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO: 4832
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-4832
```

```
Qy      3257 AGGACCTGGCCTCTGTGCTTAGTG 3280
Db      1 AGGACCTGGCCTCTCTCATCAGTG 24
```

```
RESULT 266
US-09-866-108-12949
/ Sequence 12949, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00660
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO: 12949
```



```
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 13292
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-13292

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3476 GGAAGCGAAGCAAGTGTGAGCA 3499
DB      1 GGAAGTGAAGCAAGTGTGAGCA 24
```

```
RESULT 270
US-09-827-998-1152
/ Sequence 1152, Application US/09827998
/ Patent No. US20020102252A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN B
/ FILE REFERENCE: MDMORF-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ PRIOR FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
```

```
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 1152
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-1152
```

```
Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5410 AAAAATGAAATTAAGGATTAAG 5433
DB      2 AAGAATGAAATTAAGGATTAAG 25
```

```
RESULT 271
US-09-827-998-1154
/ Sequence 1154, Application US/09827998
/ Patent No. US20020102252A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN B
/ FILE REFERENCE: MDMORF-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ PRIOR FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 1154
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-1154
```

```
Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5411 AAAAATGAAATTAAGGATTAAGA 5434
DB      1 AGAATGAAATTAAGGATTAAGA 24
```

```
RESULT 272
US-09-751-100B-103/C
/ Sequence 103, Application US/09751100B
/ Patent No. US20020142436A1
/ GENERAL INFORMATION:
/ APPLICANT: Medical Research Council
/ TITLE OF INVENTION: Human Adenylate Cyclase and Use Therefor
/ FILE REFERENCE: P27948A
/ CURRENT APPLICATION NUMBER: US/09/751,100B
/ PRIOR FILING DATE: 2000-12-28
/ NUMBER OF SEQ ID NOS: 104
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 103
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Primer based on mouse adeny[ cyclase 9
US-09-751-100B-103
```

```
Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2565 GGGGAGAGAGATGAGAAACAT 2588
```

Db 25 GGAGAAAGAGATGTGAGACT 2

## RESULT 273

US-10-060-756A-2117  
; Sequence 2117, Application US/10060756A  
; Publication No. US20030046717A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhang, Jian  
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
; FILE REFERENCE: PB0177  
; CURRENT APPLICATION NUMBER: US/10/060,756A  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/327,898  
; PRIOR FILING DATE: 2001-10-09  
; NUMBER OF SEQ ID NOS: 4804  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 2117  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-756A-2117

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 770 GCGCCAGCCCGAGAGAGGCG 793  
DB 2 GAGCCCAAGCCCGAGGCGGCG 25

## RESULT 274

US-10-215-112-3462  
; Sequence 3462, Application US/10215112  
; Publication No. US20030082596A1  
; GENERAL INFORMATION:  
; APPLICANT: Michael Miltman  
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:  
; FILE REFERENCE: Tests  
; CURRENT APPLICATION NUMBER: US/10/215,112  
; CURRENT FILING DATE: 2002-08-08  
; NUMBER OF SEQ ID NOS: 14936  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3462  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-215-112-3462

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4293 CTCGATTCGAGAGAGACTGAGCT 4316

Db 1 CTCCTTACGAGAGAGAGACT 24

## RESULT 275

US-10-098-263B-40793/C  
; Sequence 40793, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Miltman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 40793  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-098-263B-40793

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4399 AAAACAGAAAGATGAGACTCTG 4422  
DB 24 AAAGACACGAAAGAGGACTCCG 1

## RESULT 276

US-10-098-263B-121043/C  
; Sequence 121043, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Miltman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 121043  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-098-263B-121043

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 559 TTGAGTTCCTGAGAGAGAGAG 582  
DB 24 TTGAGTTCCTGAGCGCCGAGAG 1

## RESULT 277

US-10-098-263B-127078  
; Sequence 127078, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Miltman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759

;; PRIOR FILING DATE: 2001-03-16  
;; NUMBER OF SEQ ID NOS: 131066  
;; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
;; SEQ ID NO 127078  
;; LENGTH: 25  
;; TYPE: DNA  
;; ORGANISM: Homo sapien  
US-10-098-263B-127078

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4547 GAGACGAGCTGATAGCCCGAGTGA 4570  
Db 1 GAGACGAGCGGCTCGCCGCACTGA 24

RESULT 278  
US-10-098-263B-128314/c  
; Sequence 128314, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Miltman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; PRIOR FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 128314  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-098-263B-128314

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4547 GAGACGAGCTGATAGCCCGAGTGA 4570  
Db 25 GAGACGAGCGGCTCGCCGCACTGA 2

RESULT 279  
US-10-675-685-1152  
; Sequence 1152, Application US/10675685  
; Publication No. US20040063134A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: PB0114  
; CURRENT APPLICATION NUMBER: US/10/675,685  
; PRIOR FILING DATE: 2003-09-30  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 1152  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-675-685-1152

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5410 AAAAAATGAATAAAGGAATPAG 5433  
Db 2 AAGAAATGAATAAATTAAGGAATPAG 25

RESULT 280  
US-10-675-685-1154  
; Sequence 1154, Application US/10675685  
; Publication No. US20040063134A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: PB0114  
; CURRENT APPLICATION NUMBER: US/10/675,685  
; PRIOR FILING DATE: 2003-09-30  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 1154  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-675-685-1154

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5411 AAAAAATGAATAAAGGAATPAGA 5434  
Db 1 AAAAAATGAATAAATTAAGGAATPAGA 24

RESULT 281  
US-10-723-361-4831  
; Sequence 4831, Application US/10723361  
; Publication No. US20040137589A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Ji, Yonggang  
; APPLICANT: Penn, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN  
; FILE REFERENCE: PB0105  
; CURRENT APPLICATION NUMBER: US/10/723,361  
; PRIOR FILING DATE: 2003-11-26  
; PRIOR APPLICATION NUMBER: US 09/866,108  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmca Sequence Listing Engine  
SEQ ID NO 4831  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-723-361-4831

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3257 AGGACCTGGCCTCTGCTCATTAGTG 3280  
DB 2 AGGACCTGGCCTCTCATTAGTG 25

RESULT 282

US-10-723-361-4832  
Sequence 4832, Application US/10723361  
Publication No. US20040137589A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN  
FILE REFERENCE: PB0105  
CURRENT FILING DATE: 2003-11-26  
PRIOR FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmca Sequence Listing Engine  
SEQ ID NO 4832  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-723-361-4832

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3257 AGGACCTGGCCTCTGCTCATTAGTG 3280  
DB 1 AGGACCTGGCCTCTCATTAGTG 24

RESULT 283

US-10-723-361-12949  
Sequence 12949, Application US/10723361  
Publication No. US20040137589A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN  
FILE REFERENCE: PB0105  
CURRENT FILING DATE: 2003-11-26  
PRIOR FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmca Sequence Listing Engine  
SEQ ID NO 12949  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-723-361-12949

Query Match 0.3%; Score 17.6; DB 1; Length 25;  
Best Local Similarity 83.3%; Pred. No. 3.4e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2112 GATGACGACGATGACGAGGAGA 2135  
DB 2 GATGACGACGATGACGAGGAGA 25

RESULT 284

US-10-723-361-12950  
Sequence 12950, Application US/10723361  
Publication No. US20040137589A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN  
FILE REFERENCE: PB0105  
CURRENT FILING DATE: 2003-11-26  
PRIOR FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456

```
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ SOFTWARE: Aecmics Sequence Listing Engine
/ SEQ ID NO 12950
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-12950

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2112 GATGACGAGATGAGCGGAAGCA 2135
DB      1 GATGAAGCAGATGCACCAAGAGA 24

RESULT 285
US-10-723-361-13290
/ Sequence 13290, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
```

```
/ SOFTWARE: Aecmics Sequence Listing Engine
/ SEQ ID NO 13290
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-13290

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3475 AGCAGCGAAGCAAGTGTGATG 3498
DB      2 AGCAGAGTGAAGCCAAAGTGTGAGG 25

RESULT 286
US-10-723-361-13292
/ Sequence 13292, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmics Sequence Listing Engine
/ SEQ ID NO 13292
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-13292

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3476 GCGACGGAAGCAAGTGTGATGA 3499
DB      1 GCGAGTGAAGCCAAAGTGTGAGGA 24

RESULT 287
US-10-349-143-5847/c
/ Sequence 5847, Application US/10349143
```



```
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumentfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ CURRENT FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 5847
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913.
US-10-349-143-5847
```

```
Query Match      0.3%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1181 GAGAAAGAGAGAGAGAA 1199
DB      19 GAAAAAGAGAGAGAGAA 1
```

```
RESULT 288
US-10-116-949-38
/ Sequence 38, Application US/10116949
/ Publication No. US20030044911A1
/ GENERAL INFORMATION:
/ APPLICANT: Lerman, Michael I.
/ APPLICANT: Miana, John D.
/ APPLICANT: Lachif, Farida
/ APPLICANT: Wei, Ming-Hui
/ APPLICANT: Sekido, Yoshitaka
/ APPLICANT: Gao, Boning
/ APPLICANT: Duh, Ruh-Mei
/ TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
/ FILE REFERENCE: NIH-05043
/ CURRENT APPLICATION NUMBER: US/10/116,949
/ CURRENT FILING DATE: 2002-04-05
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/470,443
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-22
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/114,359
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30
/ NUMBER OF SEQ ID NOS: 114
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 38
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-116-949-38
```

```
Query Match      0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      5074 CTGTGGCCACAGACGACCA 5092
          |||||
```

```
DB      1 CTGTGGCCACAGACGACTCA 19
```

```
RESULT 289
US-10-077-383-29
/ Sequence 29, Application US/10077383
/ Publication No. US20030050444A1
/ GENERAL INFORMATION:
/ APPLICANT: Haydock, Paul V.
/ APPLICANT: U'Ren, Jack
/ APPLICANT: Salgene Corporation
/ TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
/ TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
/ FILE REFERENCE: 018048-001710US
/ CURRENT APPLICATION NUMBER: US/10/077,383
/ CURRENT FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US 60/296,812
/ PRIOR FILING DATE: 2001-06-07
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: (XY)-n spacer
/ OTHER INFORMATION: sequence, where X = a and Y = g
/ NAME/KEY: modified base
/ LOCATION: (13)..(20)
/ OTHER INFORMATION: a or g at positions 13-20 may be present or absent
US-10-077-383-29
```

```
Query Match      0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1180 AGAGAAAGAGAGAGAGA 1198
DB      1 AGAGAGAGAGAGAGAGA 19
```

```
RESULT 290
US-10-276-491-3/C
/ Sequence 3, Application US/10276491
/ Publication No. US20040072285A1
/ GENERAL INFORMATION:
/ APPLICANT: Oh, Youngman
/ APPLICANT: Rosenfeld, Ron
/ APPLICANT: Ingemann, Angela R.
/ TITLE OF INVENTION: Induction of Apoptosis and Cell Growth Inhibition by Protein 4.33
/ FILE REFERENCE: 49321-76
/ CURRENT APPLICATION NUMBER: US/10/276,491
/ CURRENT FILING DATE: 2003-05-09
/ PRIOR APPLICATION NUMBER: PCT/US01/16437
/ PRIOR FILING DATE: 2001-05-17
/ PRIOR APPLICATION NUMBER: US 60/204,949
/ PRIOR FILING DATE: 2000-05-17
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 3
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: antisense oligonucleotide
US-10-276-491-3
```

```
Query Match      0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      743 GAGAGAGATGGGGCTGAG 761
```

Db 19 GCGAGCAGAGGGGGCTGAG 1

## RESULT 291

US-10-280-183A-440/C  
; Sequence 440, Application US/10280183A  
; Publication No. US20040081964A1  
; GENERAL INFORMATION:  
; APPLICANT: Pfizer Inc.  
; APPLICANT: Bachmanov, Alexander A  
; APPLICANT: Beauchamp, Gary K.  
; APPLICANT: Chatterjee, Anubindo  
; APPLICANT: De Jong, Pieter J.  
; APPLICANT: Li, Shanru  
; APPLICANT: Li, Xia  
; APPLICANT: Ohmen, Jeffrey D  
; APPLICANT: Reed, Danielle R.  
; APPLICANT: Ross, David  
; APPLICANT: Tordoff, Michael G.  
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING  
; FILE REFERENCE: PC18306A  
; CURRENT APPLICATION NUMBER: US/10/280,183A  
; PRIOR FILING DATE: 2002-10-25  
; PRIOR APPLICATION NUMBER: 60/200,794  
; PRIOR FILING DATE: 2000-04-28  
; NUMBER OF SEQ ID NOS: 652  
; SOFTWARE: PatentIn Ver. 3.1  
; SEQ ID NO 440  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Mouse  
US-10-280-183A-440

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3124 ACCGAGCTGACCTGAGCT 3142

Db 19 ACCAGCTGACCTGAGCT 1

## RESULT 292

US-10-280-183A-462/C  
; Sequence 462, Application US/10280183A  
; Publication No. US20040081964A1  
; GENERAL INFORMATION:  
; APPLICANT: Pfizer Inc.  
; APPLICANT: Bachmanov, Alexander A  
; APPLICANT: Beauchamp, Gary K.  
; APPLICANT: Chatterjee, Anubindo  
; APPLICANT: De Jong, Pieter J.  
; APPLICANT: Li, Shanru  
; APPLICANT: Li, Xia  
; APPLICANT: Ohmen, Jeffrey D  
; APPLICANT: Reed, Danielle R.  
; APPLICANT: Ross, David  
; APPLICANT: Tordoff, Michael G.  
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING  
; FILE REFERENCE: PC18306A  
; CURRENT APPLICATION NUMBER: US/10/280,183A  
; PRIOR FILING DATE: 2002-10-25  
; PRIOR APPLICATION NUMBER: 60/200,794  
; PRIOR FILING DATE: 2000-04-28  
; NUMBER OF SEQ ID NOS: 652  
; SOFTWARE: PatentIn Ver. 3.1  
; SEQ ID NO 462  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Mouse

US-10-280-183A-462

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3124 ACCGAGCTGACCTGAGCT 3142

Db 19 ACCAGCTGACCTGAGCT 1

## RESULT 293

US-10-661-088-17  
; Sequence 17, Application US/10661088  
; Publication No. US20040162253A1  
; GENERAL INFORMATION:  
; APPLICANT: VAILLANT, ANDREW  
; APPLICANT: JUTEAU, JEAN-MARC  
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV  
; FILE REFERENCE: 029849/0206  
; CURRENT APPLICATION NUMBER: US/10/661,088  
; PRIOR FILING DATE: 2003-09-12  
; PRIOR APPLICATION NUMBER: PCT/IB03/04573  
; PRIOR FILING DATE: 2003-09-11  
; PRIOR APPLICATION NUMBER: 60/430,934  
; PRIOR FILING DATE: 2002-12-05  
; PRIOR APPLICATION NUMBER: 60/410,264  
; PRIOR FILING DATE: 2002-09-13  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 17  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-661-088-17

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGA 1198

Db 1 AGAGAGAGAGAGAGAGA 19

## RESULT 294

US-10-661-088-18/C  
; Sequence 18, Application US/10661088  
; Publication No. US20040162253A1  
; GENERAL INFORMATION:  
; APPLICANT: VAILLANT, ANDREW  
; APPLICANT: JUTEAU, JEAN-MARC  
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV  
; FILE REFERENCE: 029849/0206  
; CURRENT APPLICATION NUMBER: US/10/661,088  
; PRIOR FILING DATE: 2003-09-12  
; PRIOR APPLICATION NUMBER: PCT/IB03/04573  
; PRIOR FILING DATE: 2003-09-11  
; PRIOR APPLICATION NUMBER: 60/430,934  
; PRIOR FILING DATE: 2002-12-05  
; PRIOR APPLICATION NUMBER: 60/410,264  
; PRIOR FILING DATE: 2002-09-13  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 18  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: oligonucleotide  
US-10-661-088-18

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGA 1198  
DB 19 AGAGAGAGAGAGAGAGA 1

## RESULT 295

US-10-661-097-17  
Sequence 17, Application US/10661097  
Publication No. US20040162254A1  
GENERAL INFORMATION:  
APPLICANT: VAILLANT, ANDREW  
APPLICANT: JUTEAU, JEAN-MARC  
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV  
FILE REFERENCE: 029849/0204  
CURRENT APPLICATION NUMBER: US/10/661,097  
CURRENT FILING DATE: 2003-09-12  
PRIOR APPLICATION NUMBER: PCT/IB03/04573  
PRIOR FILING DATE: 2003-09-11  
PRIOR APPLICATION NUMBER: 60/430,934  
PRIOR FILING DATE: 2002-12-05  
PRIOR APPLICATION NUMBER: 60/410,264  
PRIOR FILING DATE: 2002-09-13  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn Ver. 3.2  
SEQ ID NO 17  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-661-097-17

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGA 1198  
DB 1 AGAGAGAGAGAGAGAGA 19

## RESULT 296

US-10-661-097-18/c  
Sequence 18, Application US/10661097  
Publication No. US20040162254A1  
GENERAL INFORMATION:  
APPLICANT: VAILLANT, ANDREW  
APPLICANT: JUTEAU, JEAN-MARC  
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV  
FILE REFERENCE: 029849/0204  
CURRENT APPLICATION NUMBER: US/10/661,097  
CURRENT FILING DATE: 2003-09-12  
PRIOR APPLICATION NUMBER: PCT/IB03/04573  
PRIOR FILING DATE: 2003-09-11  
PRIOR APPLICATION NUMBER: 60/430,934  
PRIOR FILING DATE: 2002-12-05  
PRIOR APPLICATION NUMBER: 60/410,264  
PRIOR FILING DATE: 2002-09-13  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn Ver. 3.2  
SEQ ID NO 18  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-661-097-18

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGA 1198  
DB 19 AGAGAGAGAGAGAGAGA 1

## RESULT 297

US-10-661-355-17  
Sequence 17, Application US/10661355  
Publication No. US20040170959A1  
GENERAL INFORMATION:  
APPLICANT: VAILLANT, ANDREW  
APPLICANT: JUTEAU, JEAN-MARC  
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES  
FILE REFERENCE: 029849/0208  
CURRENT APPLICATION NUMBER: US/10/661,355  
CURRENT FILING DATE: 2003-09-12  
PRIOR APPLICATION NUMBER: PCT/IB03/04573  
PRIOR FILING DATE: 2003-09-11  
PRIOR APPLICATION NUMBER: 60/430,934  
PRIOR FILING DATE: 2002-12-05  
PRIOR APPLICATION NUMBER: 60/410,264  
PRIOR FILING DATE: 2002-09-13  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn Ver. 3.2  
SEQ ID NO 17  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-661-355-17

Query Match 0.3%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGA 1198  
DB 1 AGAGAGAGAGAGAGAGA 19

## RESULT 298

US-10-661-355-18/c  
Sequence 18, Application US/10661355  
Publication No. US20040170959A1  
GENERAL INFORMATION:  
APPLICANT: VAILLANT, ANDREW  
APPLICANT: JUTEAU, JEAN-MARC  
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES  
FILE REFERENCE: 029849/0208  
CURRENT APPLICATION NUMBER: US/10/661,355  
CURRENT FILING DATE: 2003-09-12  
PRIOR APPLICATION NUMBER: PCT/IB03/04573  
PRIOR FILING DATE: 2003-09-11  
PRIOR APPLICATION NUMBER: 60/430,934  
PRIOR FILING DATE: 2002-12-05  
PRIOR APPLICATION NUMBER: 60/410,264  
PRIOR FILING DATE: 2002-09-13  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn Ver. 3.2  
SEQ ID NO 18  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-355-18

Query Match          0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGA 1198
DB      19 AGAGAGAGAGAGAGAGA 1

RESULT 299
US-10-661-099-17
; Sequence 17, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETTING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-099-17

Query Match          0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGA 1198
DB      1 AGAGAGAGAGAGAGAGA 19

RESULT 300
US-10-661-099-18/C
; Sequence 18, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETTING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-099-18

Query Match          0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGA 1198
DB      19 AGAGAGAGAGAGAGAGA 1

RESULT 301
US-10-184-085A-201/C
; Sequence 201, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 201
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-201

Query Match          0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGCGGAGAGGCT 2454
DB      19 GGATGAGAGCGGAGAGGCT 1

RESULT 302
US-10-184-085A-235/C
; Sequence 235, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 235
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-235

Query Match          0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

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OY      2436 GGATGAGAGGGGAGAGCT 2454
      |||||
DB      21 GGATGAGAGCGGGAGAGCT 3

RESULT 303
US-10-184-085A-236/c
; Sequence 236, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balogh, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 236
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-236

Query Match      0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred.No.3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      2436 GGATGAGAGGGGAGAGCT 2454
      |||||
DB      20 GGATGAGAGCGGGAGAGCT 2

RESULT 304
US-10-184-085A-237/c
; Sequence 237, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balogh, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 237
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-237

Query Match      0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred.No.3.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      2436 GGATGAGAGGGGAGAGCT 2454
      |||||
DB      19 GGATGAGAGCGGGAGAGCT 1

RESULT 305
US-10-184-085A-273/c
; Sequence 273, Application US/10184085A

```

```

; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 273
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-273

Query Match          0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3,4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      2436 GGATGAGAGGGGGAGGT 2454
      |||||
Db      19 GGATGAGATGGGAGAGGT 1

RESULT 306
US-10-270-839--75
; Sequence 75, Application US/10270839
; Publication No. US20030143586A1
; GENERAL INFORMATION:
; APPLICANT: Chao, Qimin
; APPLICANT: Grasseo, Luigi
; APPLICANT: Saas, Philipp M.
; APPLICANT: Nicolaides, Nicholas C.
; TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnosis
; FILE REFERENCE: AG000205 (MOR-0133)
; CURRENT APPLICATION NUMBER: US/10/270,839
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/328,750
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 75
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (22)..(22)
; OTHER INFORMATION: B is C or G or T/U, not A
US-10-270-839--75

Query Match          0.3%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 3,4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      1180 AGAGAAAGAGAGAGAGAGA 1198
      |||||
Db      2 AGAGAGAGAGAGAGAGAGA 20

RESULT 307
US-10-280-183A-358
; Sequence 358, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.

```

```

APPLICANT: Bachmanov, Alexander A
APPLICANT: Beauchamp, Gary K.
APPLICANT: Chatterjee, Anubindo
APPLICANT: De Jong, Pieter J.
APPLICANT: Li, Shanru
APPLICANT: Li, Xia
APPLICANT: Ohmen, Jeffrey D
APPLICANT: Reed, Danielle R.
APPLICANT: Ross, David
APPLICANT: Tordoff, Michael G
TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETENERS
FILE REFERENCE: PC18306A
CURRENT APPLICATION NUMBER: US/10/280,183A
CURRENT FILING DATE: 2002-10-25
PRIORITY FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 652
SOFTWARE: PatentIn Ver. 3.1
SEQ ID NO 358
LENGTH: 22
TYPE: DNA
ORGANISM: Mouse
OS-10-280-183A-358

```

Query Match	0.3%	Score 17.4	DB 1	Length 22
Best Local Similarity	94.7%	Pred. No. 3.4e+02		
Matches 18; Conservative	0	Mismatches 1	Indels 0	Gaps 0

QY	3597	TCAGGCTAATCTCAA	ACTC	3615
Db	1	TCAGGCTA	ACTCAACTC	19

RESULT 308  
US-10-216-122-94  
? Sequence 94, Application US/10216122  
? Publication No. US20030121063A1  
? GENERAL INFORMATION:  
? APPLICANT: Kazazian, Haig H.  
? APPLICANT: Oseterag, Eric  
? APPLICANT: Debernardis, Ralph  
? TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS  
? FILE REFERENCE: 053893-5006-03  
? CURRENT APPLICATION NUMBER: US/10/216,122  
? CURRENT FILING DATE: 2002-08-09  
? PRIOR APPLICATION NUMBER: US 09/653,812  
? PRIOR FILING DATE: 2000-09-01  
? PRIOR APPLICATION NUMBER: US 08/847,844  
? PRIOR FILING DATE: 1997-04-28  
? PRIOR APPLICATION NUMBER: US 08/749,805  
? PRIOR FILING DATE: 1996-11-15  
? PRIOR APPLICATION NUMBER: US 60/006,831  
? PRIOR FILING DATE: 1995-11-16  
? NUMBER OF SEQ ID NOS: 154  
? SOFTWARE: PatentIn version 3.1  
? SEQ ID NO 94  
? LENGTH: 22  
? TYPE: RNA  
? ORGANISM: Homo sapiens  
US-10-216-122-94

Query Match	0.3%	Score 17.2;	DB 1;	Length 22;
Best Local Similarity	86.4%	Pred. No. 3.7e+02;		
Matches 19; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGA AAA 5414  
 ||||| | ||||| |||||  
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 309  
US-10-335-573-6/c

```

Sequence 6, Application US/10335573
Publication No. US20040126770A1
GENERAL INFORMATION:
APPLICANT: Kumar, Gyandendra
APPLICANT: Abarua, Patricia
TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
FILE REFERENCE: 13172.0021DU
CURRENT APPLICATION NUMBER: US/10/335,573
CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Note =
US-10-335-573-6

```

Query Match	0.3%	Score 17.2;	DB 1;	Length 22;
Best Local Similarity	86.4%	Pred. No. 3.7e+02;		
Matches 19; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

OY 5393 AAAAAAAAAATACAAAAAGAAAAA 5414  
| | | | | | | | | | | | | |  
Db 22 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

```

RESULT 310
US-09-426-548-126
: Sequence 126, Application US/09426548
: Patent No. US20010044936A1
: GENERAL INFORMATION:
: APPLICANT: Robbins, David
: APPLICANT: Lin-Goerke, Ullrich L.
: TITLE OF INVENTION: No. US20010044936A1 Mutations in Human MLH1 and MSH2 Genes Useful
: TITLE OF INVENTION: Diagnosing Colorectal Cancer
: FILE REFERENCE: DEX-0054
: CURRENT APPLICATION NUMBER: US/09/426,548
: CURRENT FILING DATE: 1999-10-22
: NUMBER OF SEQ ID NOS: 192
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 126
: LENGTH: 23
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-426-548-126

```

Query Match	0.3%	Score 17.2;	DB 1;	Length 23;
Best Local Similarity	86.4%	Pred. No. 3.8e+02;		
Matches 19; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

Oy 5392 TAAAAAAATACAAAAGGAAA 5413  
||| ||| ||| ||| |||  
Db 2 TAAAAAAAAAAAAAAAAA 23

RESULT 311  
US-09-749-728B-43/C  
: Sequence 43. Application US/09749728B  
: Patent No. US20020142457A1  
: GENERAL INFORMATION:  
: APPLICANT: Umezawa, Akihiro  
: APPLICANT: Hata, Jun-ichi  
: APPLICANT: Fukuda, Keiichi  
: APPLICANT: Ogawa, Satoshi  
: APPLICANT: Sakurada, Kazuhiko  
: APPLICANT: Gojo, Satoshi  
: APPLICANT: Yamada, Yoji  
: TITLE OF INVENTION: THE CELL HAVING THE POTENTIALITY OF DIFFERENTIATION INTO CARDIOMY  
: FILE REFERENCE: 00766.000043

```
/ CURRENT APPLICATION NUMBER: US/09/749,728B
/ CURRENT FILING DATE: 2001-09-17
/ PRIOR APPLICATION NUMBER: H11-372826
/ PRIOR FILING DATE: 1999-12-28
/ PRIOR APPLICATION NUMBER: PCT-JP00-01148
/ PRIOR FILING DATE: 2000-02-28
/ PRIOR APPLICATION NUMBER: PCT-JP00-07741
/ PRIOR FILING DATE: 2000-11-02
/ NUMBER OF SEQ ID NOS: 80
/ SOFTWARE: PatentIn Ver.2.0
/ SEQ ID NO 43
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: artificially synthesized prim
US-09-749-728B-43

Query Match          0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1185 AAGAGAGAGAGAGAAATCAGAG 1206
DB      22  AAGAGAGAGAGAGACATCTCAG 1

RESULT 312
US-09-940-185-2717/c
/ Sequence 2717, Application US/09940185
/ Publication No. US20030096239A1
/ GENERAL INFORMATION:
/ APPLICANT: Gunderson, Kevin
/ APPLICANT: Chee, Mark
/ TITLE OF INVENTION: Probes and Decoder Oligonucleotides
/ FILE REFERENCE: A-69605-1
/ CURRENT APPLICATION NUMBER: US/09/940,185
/ CURRENT FILING DATE: 2001-08-27
/ PRIOR APPLICATION NUMBER: US 60/227,948
/ PRIOR FILING DATE: 2000-08-25
/ PRIOR APPLICATION NUMBER: US 60/228,854
/ PRIOR FILING DATE: 2000-08-29
/ NUMBER OF SEQ ID NOS: 4768
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 2717.
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-2717

Query Match          0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4371 CTTGGATCAGGATCAGGCTG 4392
DB      23  CTTGGATCAGGACTCAGGTTG 2

RESULT 313
US-10-081-969-18
/ Sequence 18, Application US/10081969
/ Publication No. US20030104625A1
/ GENERAL INFORMATION:
/ APPLICANT: Cheng, Cheng
/ APPLICANT: Clarke, Lori
/ APPLICANT: Connolly, Sheila
/ APPLICANT: Emmet, David
/ APPLICANT: Forry-Schaulies, Suzanne
/ APPLICANT: Gorzislis, Mario
/ APPLICANT: Hallenbeck, Paul
```

```
/ APPLICANT: Hay, Carl
/ APPLICANT: Jakubczak, John
/ APPLICANT: Kaleko, Michael
/ APPLICANT: Phipps, Sandra
/ APPLICANT: Police, Senthidhar
/ APPLICANT: Ryan, Patricia
/ APPLICANT: Steward, David
/ APPLICANT: Xie, Yuefeng
/ TITLE OF INVENTION: No. US20030104625A1el Oncolytic Adenoviral Vectors
/ FILE REFERENCE: 4-31704A/CRI
/ CURRENT APPLICATION NUMBER: US/10/081,969
/ CURRENT FILING DATE: 2002-02-22
/ PRIOR APPLICATION NUMBER: US 60/270,922
/ PRIOR FILING DATE: 2001-02-23
/ PRIOR APPLICATION NUMBER: US 60/295,037
/ PRIOR FILING DATE: 2001-06-01
/ PRIOR APPLICATION NUMBER: US 60/348,670
/ PRIOR FILING DATE: 2000-01-14
/ NUMBER OF SEQ ID NOS: 98
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 18
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Viral vector sequence
/ NAME/KEY: misc feature
/ LOCATION: (1)..(24)
/ OTHER INFORMATION: Fig. 1C. SV40 early Poly(A) site
/ NAME/KEY: polyA site
/ LOCATION: (3)..(24)
/ OTHER INFORMATION:
US-10-081-969-18

Query Match          0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAAA 5414
DB      3  AAAAAAAGAAAAAAGAAAAA 24

RESULT 314
US-10-002-536A-3/c
/ Sequence 3, Application US/10002536A
/ Publication No. US20030108674A1
/ GENERAL INFORMATION:
/ APPLICANT: Kane, Michael D.
/ APPLICANT: Nagel, Aaron C.
/ APPLICANT: Dombkowski, Alan A.
/ TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
/ TITLE OF INVENTION: (RNA) IN EUKARYOTIC ORGANISMS
/ FILE REFERENCE: 65446-87
/ CURRENT APPLICATION NUMBER: US/10/002,536A
/ CURRENT FILING DATE: 2003-02-11
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 3
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: This is a synthesized sequence.
US-10-002-536A-3

Query Match          0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5391 TTAATAATACAAAAAGAAA 5412
```

Db 22 TTTAAAAA 1

## RESULT 315

US-10-002-536A-4  
; Sequence 4, Application US/10002536A  
; Publication No. US20030108674A1  
; GENERAL INFORMATION:  
; APPLICANT: Kane, Michael D.  
; APPLICANT: Nagel, Aaron C.  
; APPLICANT: Dombkowski, Alan A.  
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED  
; FILE REFERENCE: 65446-87  
; CURRENT APPLICATION NUMBER: US/10/002,536A  
; PRIOR FILING DATE: 2003-02-11  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: This is a synthesized sequence.  
US-10-002-536A-4

Query Match 0.3%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5391 TTTAAAAAATACAAAAAGAAA 5412

Db 3 TTTAAAAA 24

## RESULT 316

US-10-093-626B-74  
; Sequence 74, Application US/10093626B  
; Publication No. US20030124547A1  
; GENERAL INFORMATION:  
; APPLICANT: Peoples, Risa  
; APPLICANT: Reuel, Van Acta  
; TITLE OF INVENTION: Hybridization Assays for Gene Dosage Analysis  
; FILE REFERENCE: A-60396-7  
; CURRENT APPLICATION NUMBER: US/10/093,626B  
; CURRENT FILING DATE: 2002-03-08  
; PRIOR APPLICATION NUMBER: US 09/390,124  
; PRIOR FILING DATE: 1999-09-03  
; PRIOR APPLICATION NUMBER: US 09/149,161  
; PRIOR FILING DATE: 1998-09-04  
; NUMBER OF SEQ ID NOS: 90  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 74  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic  
; NAME/KEY: misc\_feature  
; LOCATION: (23)..(23)  
; OTHER INFORMATION: the n at position 23 denotes the coumarin-based crosslinking nucleotide  
; OTHER INFORMATION: ecodide.  
US-10-093-626B-74

Query Match 0.3%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2282 GTCCAGATGACTCCAGGAAGCA 2303

Db 1 GACCAATGATCTCAGGAAGCA 22

## RESULT 317

US-10-309-775A-25/c  
; Sequence 25, Application US/10309775A  
; Publication No. US20040006032A1  
; GENERAL INFORMATION:  
; APPLICANT: LOPEZ, Ricardo A.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
; FILE REFERENCE: 2901/DM327  
; CURRENT APPLICATION NUMBER: US/10/309,775A  
; PRIOR FILING DATE: 2002-12-04  
; PRIOR APPLICATION NUMBER: CA 2,388,049  
; PRIOR FILING DATE: 2002-05-30  
; NUMBER OF SEQ ID NOS: 74  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 25  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-309-775A-25

Query Match 0.3%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5404 AAAAAGAAAAATGAAATATA 5425

Db 24 AAAAAGAAAAATGAAATATA 3

## RESULT 318

US-09-969-852-11/c  
; Sequence 11, Application US/09969852  
; Patent No. US20020137211A1  
; GENERAL INFORMATION:  
; APPLICANT: Liu, Tianyan  
; APPLICANT: Liu, Huiwen  
; APPLICANT: Li, Wei  
; APPLICANT: Zhao, Libin  
; TITLE OF INVENTION: A METHOD FOR ESTABLISHING AN EXPRESSION SYSTEM OF SPIDER DRAGLINE  
; TITLE OF INVENTION: GENE IN BOMBIX MORI  
; FILE REFERENCE: L10=65  
; CURRENT APPLICATION NUMBER: US/09/969,852  
; CURRENT FILING DATE: 2001-10-04  
; PRIOR APPLICATION NUMBER: CN01106406.4  
; PRIOR FILING DATE: 2001-01-02  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 11  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-09-969-852-11

Query Match 0.3%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 4.1e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2640 CCTGAGCTGCTGCAGC 2659

Db 20 CCTGAGCTGCTGCAGC 1

## RESULT 319

US-09-925-139-24/c  
; Sequence 24, Application US/09925139  
; Publication No. US20030092647A1  
; GENERAL INFORMATION:



```
/ APPLICANT: Rosanne M. Crooke
/ APPLICANT: Mark J. Graham
/ APPLICANT: Pam Nero
/ APPLICANT: Edward Wanciewicz
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CHOLESTERYL ESTER TRANSFER PROTEIN EXPRES
/ FILE REFERENCE: ISPP-0596
/ CURRENT APPLICATION NUMBER: US/09/925,139
/ CURRENT FILING DATE: 2001-08-08
/ NUMBER OF SEQ ID NOS: 50
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 24
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-925-139-24

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1063 GCAGTGTCTGGAGCTGGGG 1082
Db      20 GCAGTGTCTGGAGCTGGGG 1

RESULT 320
US-09-998-716-13/c
/ Sequence 13, Application US/09998716
/ Publication No. US2003012628A1
/ GENERAL INFORMATION:
/ APPLICANT: Avigenics, Inc
/ TITLE OF INVENTION: Chicken Ovomucoid
/ FILE REFERENCE: A181 8170
/ CURRENT APPLICATION NUMBER: US/09/998,716
/ CURRENT FILING DATE: 2001-11-30
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 13
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer OVN044
US-09-998-716-13

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      984 ACTCTTACCAAGCTCTTC 1003
Db      20 AGCTTCTACCAAGCTCTTC 1

RESULT 321
US-09-976-782-72
/ Sequence 72, Application US/09976782
/ Publication No. US20030190715A1
/ GENERAL INFORMATION:
/ APPLICANT: Groese et al
/ TITLE OF INVENTION: No. US20030190715A1 Proteins and Nucleic Acids Encoding Same
/ FILE REFERENCE: 21402-157
/ CURRENT APPLICATION NUMBER: US/09/976,782
/ CURRENT FILING DATE: 2001-10-12
/ PRIOR APPLICATION NUMBER: 60/240,113
/ PRIOR FILING DATE: 2000-10-12
/ PRIOR APPLICATION NUMBER: 60/240,662
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/240,732
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/240,625
```

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/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/240,703
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/241,190
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/240,637
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/240,669
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/262,455
/ PRIOR FILING DATE: 2001-01-18
/ PRIOR APPLICATION NUMBER: 60/240,648
/ PRIOR FILING DATE: 2000-10-16
/ NUMBER OF SEQ ID NOS: 127
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 72
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-976-782-72

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      574 AAGAGAGAGCTGAGAGATT 593
Db      1 AAGAGAGAGCTGAGAGAGT 20

RESULT 322
US-10-181-177-85/c
/ Sequence 85, Application US/10181177
/ Publication No. US20030083296A1
/ GENERAL INFORMATION:
/ APPLICANT: Hong Zhang
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
/ FILE REFERENCE: RTSP-0334
/ CURRENT APPLICATION NUMBER: US/10/181,177
/ CURRENT FILING DATE: 2002-07-12
/ PRIOR APPLICATION NUMBER: PCT/US01/00955
/ PRIOR FILING DATE: 2001-01-11
/ PRIOR APPLICATION NUMBER: 09/487,445
/ PRIOR FILING DATE: 2000-01-19
/ NUMBER OF SEQ ID NOS: 176
/ SEQ ID NO 85
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-177-85

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      3175 CTTTGCAGAGCTGAGACA 3194
Db      20 CTTTGCAGAGCTGAGAGA 1

RESULT 323
US-10-331-907-78
/ Sequence 78, Application US/10331907
/ Publication No. US2003018160A1
/ GENERAL INFORMATION:
/ APPLICANT: Todd, John A
/ Hesse, John W
```

```

      Caskey, Charles T
      Cox, Roger D
      Gerhold, David
      Hammond, Holly
      Hey, Patricia
      Kawaguchi, Yoshihiko
      Metzman, Tony R
      Metzker, Michael L
      TITLE OF INVENTION: NO. US2003018160A1el IDL-Receiver
      NUMBER OF SEQUENCES: 455
      CORRESPONDENCE ADDRESS:
      ADDRESSER: Nixon and Vanderhye
      STREET: 1100 No. US2003018160A1elh Glabe Road, Eighth floor
      CITY: Arlington
      STATE: Virginia
      COUNTRY: US
      ZIP: VA 22201-4714
      COMPUTER READABLE FORM:
      MEDIUM TYPE: Floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: Patent Release #1.0, Version #1.25 (BPO)
      CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/10/331,907
      FILING DATE: 31-Dec-2002
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: US/09/402,923A
      FILING DATE: 14-Feb-2001
      APPLICATION NUMBER: PCT/GB98/01102
      FILING DATE: 15-Apr-1998
      APPLICATION NUMBER: US 60/043,553
      FILING DATE: 15-Apr-1997
      APPLICATION NUMBER: US 60/048,740
      FILING DATE: 05-JUN-1997
      ATTORNEY/AGENT INFORMATION:
      NAME: B.J.Sadoff
      REGISTRATION NUMBER: 36,663
      REFERENCE/DOCKET NUMBER: 620-81
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (703)816-4091
      TELEFAX: (703)816-4100
      INFORMATION FOR SEQ ID NO: 78:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 20 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      SEQUENCE DESCRIPTION: SEQ ID NO: 78:
      US-10-331-907-78
      Query Match      0.3%; Score 16.8; DB 1; Length 20;
      Best Local Similarity 90.0%; Pred. No. 4.1e+02;
      Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3599 AGGTAATCTCAACTCTG 3618
      |||||
      1 AGGCTGCTCAACTCTG 20

RESULT 324
US-10-448-836-158/c
; Sequence 158, Application US/10448836
; Publication No. US20030207313A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon, SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,836
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29

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      PRIOR APPLICATION NUMBER: KR 10-1999-0019632
      PRIOR FILING DATE: 1999-05-29
      PRIOR APPLICATION NUMBER: KR 10-1999-0019633
      PRIOR FILING DATE: 1999-05-29
      PRIOR APPLICATION NUMBER: KR 10-1999-0019634
      PRIOR FILING DATE: 1999-05-29
      PRIOR APPLICATION NUMBER: KR 10-1999-0019635
      PRIOR FILING DATE: 1999-05-29
      PRIOR APPLICATION NUMBER: KR 10-2000-0018189
      PRIOR FILING DATE: 2000-04-07
      SOFTWARE: Koparentin 1.71
      SEQ ID NO 158
      LENGTH: 20
      TYPE: DNA
      ORGANISM: Artificial Sequence
      FEATURE:
      OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium smegmatis
      US-10-448-836-158
      Query Match      0.3%; Score 16.8; DB 1; Length 20;
      Best Local Similarity 90.0%; Pred. No. 4.1e+02;
      Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      193 GGTGCCCAACCCCATCTC 212
      |||||
      20 GGTGCCCAACCCCATCTC 1

RESULT 325
US-10-448-914A-158/c
; Sequence 158, Application US/10448914A
; Publication No. US20030235856A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Cheol Min
; APPLICANT: KIM, Jeong Joon, SJ HIGHTECH Co., Ltd.
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,914A
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; SOFTWARE: Koparentin 1.71
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium smegmatis
      US-10-448-836-158
      Query Match      0.3%; Score 16.8; DB 1; Length 20;
      Best Local Similarity 90.0%; Pred. No. 4.1e+02;
      Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      193 GGTGCCCAACCCCATCTC 212
      |||||
      20 GGTGCCCAACCCCATCTC 1

RESULT 326

```

US-10-320-893-3/c  
; Sequence 3, Application US/10320893  
; Publication No. US20040053254A1  
; GENERAL INFORMATION:  
; APPLICANT: Wangh, Lawrence J.  
; APPLICANT: Pierce, Kenneth  
; APPLICANT: Hartshorn, Cristina  
; APPLICANT: Rice, John  
; APPLICANT: Sanchez, J. Aquiles  
; TITLE OF INVENTION: LATE-PCR  
; FILE REFERENCE: 08609-013001  
; CURRENT APPLICATION NUMBER: US/10/320,893  
; PRIOR FILING DATE: 2002-12-17  
; PRIOR APPLICATION NUMBER: US 60/341,886  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-10-320-893-3

Query Match 0.3%; Score 16.8; DB 1; Length 22;  
Best Local Similarity 90.0%; Pred. No. 4.3e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 CCAGGGCTCAGAGAGAGG 928  
DB 21 CCAGGGGGCAGAGAGAGG 2

RESULT 327  
US-10-320-893-8/c  
; Sequence 8, Application US/10320893  
; Publication No. US20040053254A1  
; GENERAL INFORMATION:  
; APPLICANT: Wangh, Lawrence J.  
; APPLICANT: Pierce, Kenneth  
; APPLICANT: Hartshorn, Cristina  
; APPLICANT: Rice, John  
; APPLICANT: Sanchez, J. Aquiles  
; TITLE OF INVENTION: LATE-PCR  
; FILE REFERENCE: 08609-013001  
; CURRENT APPLICATION NUMBER: US/10/320,893  
; PRIOR FILING DATE: 2002-12-17  
; PRIOR APPLICATION NUMBER: US 60/341,886  
; PRIOR FILING DATE: 2001-12-19  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-10-320-893-8

Query Match 0.3%; Score 16.8; DB 1; Length 24;  
Best Local Similarity 90.0%; Pred. No. 4.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 CCAGGGCTCAGAGAGAGG 928  
DB 23 CCAGGGGGCAGAGAGAGG 4

RESULT 328  
US-09-263-959-515  
; Sequence 515, Application US/09263959  
; Patent No. US20020150891A1

; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee P.  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McMaisters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 515:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-515

Query Match 0.3%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 4.5e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAG 1197  
DB 1 AGAGAGAGAGAGAGAGAG 18

RESULT 329  
US-09-263-959-873  
; Sequence 873, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:

```

; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 873:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-873

Query Match          0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 4.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGAGA 1198
      |||||
Db      1 GAGAGAGAGAGAGAGAGAGA 18

RESULT 330
US-10-011-204-3
; Sequence 3, Application US/10011204
; Publication No. US20020182617A1
; GENERAL INFORMATION:
; APPLICANT: Ekins, Roger P
; TITLE OF INVENTION: Binding assay using binding agents with tail groups
; FILE REFERENCE: 0380-P01180US0
; CURRENT APPLICATION NUMBER: US/10/011,204
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US/08/700,530
; PRIOR FILING DATE: 1996-10-23
; PRIOR APPLICATION NUMBER: PCT/GB95/00521
; PRIOR FILING DATE: 1995-03-10
; PRIOR APPLICATION NUMBER: GB 9404709.9
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-011-204-3

Query Match          0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 4.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGAGA 1198
      |||||
Db      1 GAGAGAGAGAGAGAGAGAGA 18

RESULT 331
US-10-011-204-4/c
; Sequence 4, Application US/10011204
; Publication No. US20020182617A1
; GENERAL INFORMATION:
; APPLICANT: Ekins, Roger P
; TITLE OF INVENTION: Binding assay using binding agents with tail groups
; FILE REFERENCE: 0380-P01180US0
; CURRENT APPLICATION NUMBER: US/10/011,204
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US/08/700,530
; PRIOR FILING DATE: 1996-10-23
; PRIOR APPLICATION NUMBER: PCT/GB95/00521
; PRIOR FILING DATE: 1995-03-10
```

```

; PRIOR APPLICATION NUMBER: GB 9404709.9
; PRIOR FILING DATE: 1994-03-11
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-011-204-4

Query Match          0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 4.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAG 1197
      |||||
Db      1 AGAGAGAGAGAGAGAGAGAG 1

RESULT 332
US-10-077-383-31
; Sequence 31, Application US/10077383
; Publication No. US2003005044A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Salsgene Corporation
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: (XY)-n spacer
US-10-077-383-31

Query Match          0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 4.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAG 1197
      |||||
Db      1 AGAGAGAGAGAGAGAGAGAG 18

RESULT 333
US-10-077-383-32/c
; Sequence 32, Application US/10077383
; Publication No. US2003005044A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Salsgene Corporation
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
```

```
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 32
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: (XY)-n spacer
US-10-077-383-32

Query Match          0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGAG 1197
DB      18 AGAGAGAGAGAGAGAGAG 18

RESULT 334
US-10-027-632-178630
/ Sequence 178630, Application US/10027632
/ Publication No. US20020198371A1
/ GENERAL INFORMATION:
/ APPLICANT: Wang, David G.
/ TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
/ TITLE OF INVENTION: Polymorphisms in the Human Genome
/ FILE REFERENCE: 108827.129
/ CURRENT APPLICATION NUMBER: US/10/027,632
/ PRIOR FILING DATE: 2002-04-30
/ PRIOR APPLICATION NUMBER: US 60/218,006
/ PRIOR FILING DATE: 2000-07-12
/ PRIOR APPLICATION NUMBER: US 60/198,676
/ PRIOR FILING DATE: 2000-04-20
/ PRIOR APPLICATION NUMBER: US 60/193,483
/ PRIOR FILING DATE: 2000-03-29
/ PRIOR APPLICATION NUMBER: US 60/185,218
/ PRIOR FILING DATE: 2000-02-24
/ PRIOR APPLICATION NUMBER: US 60/167,363
/ PRIOR FILING DATE: 1999-11-23
/ PRIOR APPLICATION NUMBER: US 60/156,358
/ PRIOR FILING DATE: 1999-09-28
/ PRIOR APPLICATION NUMBER: US 60/146,002
/ PRIOR FILING DATE: 1999-08-09
/ NUMBER OF SEQ ID NOS: 325720
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 178630
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Human
US-10-027-632-178630

Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGAGA 1198
DB      1 GAGAGAGAGAGAGAGAGA 18

RESULT 335
US-10-027-632-178630
/ Sequence 178630, Application US/10027632
/ Publication No. US20030204075A9
/ GENERAL INFORMATION:
/ APPLICANT: Wang, David G.
/ TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
/ TITLE OF INVENTION: Polymorphisms in the Human Genome
/ FILE REFERENCE: 108827.129
/ CURRENT APPLICATION NUMBER: US/10/027,632
/ PRIOR FILING DATE: 2002-04-30
/ PRIOR APPLICATION NUMBER: US 60/218,006
```

```
/ PRIOR FILING DATE: 2000-07-12
/ PRIOR APPLICATION NUMBER: US 60/198,676
/ PRIOR FILING DATE: 2000-04-20
/ PRIOR APPLICATION NUMBER: US 60/193,483
/ PRIOR FILING DATE: 2000-03-29
/ PRIOR APPLICATION NUMBER: US 60/185,218
/ PRIOR FILING DATE: 2000-02-24
/ PRIOR APPLICATION NUMBER: US 60/167,363
/ PRIOR FILING DATE: 1999-11-23
/ PRIOR APPLICATION NUMBER: US 60/156,358
/ PRIOR FILING DATE: 1999-09-28
/ PRIOR APPLICATION NUMBER: US 60/146,002
/ PRIOR FILING DATE: 1999-08-09
/ NUMBER OF SEQ ID NOS: 325720
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 178630
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Human
US-10-027-632-178630

Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGAGA 1198
DB      1 GAGAGAGAGAGAGAGAGA 18

RESULT 336
US-10-027-632-178653
/ Sequence 178653, Application US/10027632
/ Publication No. US20020198371A1
/ GENERAL INFORMATION:
/ APPLICANT: Wang, David G.
/ TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
/ TITLE OF INVENTION: Polymorphisms in the Human Genome
/ FILE REFERENCE: 108827.129
/ CURRENT APPLICATION NUMBER: US/10/027,632
/ PRIOR FILING DATE: 2002-04-30
/ PRIOR APPLICATION NUMBER: US 60/218,006
/ PRIOR FILING DATE: 2000-07-12
/ PRIOR APPLICATION NUMBER: US 60/198,676
/ PRIOR FILING DATE: 2000-04-20
/ PRIOR APPLICATION NUMBER: US 60/193,483
/ PRIOR FILING DATE: 2000-03-29
/ PRIOR APPLICATION NUMBER: US 60/185,218
/ PRIOR FILING DATE: 2000-02-24
/ PRIOR APPLICATION NUMBER: US 60/167,363
/ PRIOR FILING DATE: 1999-11-23
/ PRIOR APPLICATION NUMBER: US 60/156,358
/ PRIOR FILING DATE: 1999-09-28
/ PRIOR APPLICATION NUMBER: US 60/146,002
/ PRIOR FILING DATE: 1999-08-09
/ NUMBER OF SEQ ID NOS: 325720
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 178653
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Human
US-10-027-632-178653

Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGAGA 1198
DB      1 GAGAGAGAGAGAGAGAGA 18

RESULT 337
```

```
US-10-027-632-178653
; Sequence 178653, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178653
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178653
```

```
Query Match
Best Local Similarity 0.3%; Score 16.4; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1181 GAGAAAGAGAGAGAGA 1198
Db 1 GAGAGAGAGAGAGAGA 18
```

```
RESULT 338
US-10-731-739-253/c
; Sequence 253, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 253
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-253
```

```
Query Match
Best Local Similarity 0.3%; Score 16.4; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 3924 GTTCCTGGGTGATGATCAA 3941
Db 19 GTTCCTGGCGAGATCAAA 2
```

```
RESULT 339
US-09-752-639-40/c
; Sequence 40, Application US/09752639
; Patent No. US20020091243A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Grainger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,639
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-752-639-40
```

```
Query Match
Best Local Similarity 0.3%; Score 16.4; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1181 GAGAAAGAGAGAGAGA 1198
Db 20 GAGAGAGAGAGAGAGA 3
```

```
RESULT 340
US-09-984-198-40/c
; Sequence 40, Application US/09984198
; Patent No. US2002010679A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
```

```

APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FASTSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/984,198
FILING DATE:
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/US99/10793
FILING DATE:
APPLICATION NUMBER: 09/081,385
FILING DATE:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Mr. Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-984-198-40

Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAAAGAGAGAGAGA 1198
DB      20 GAGAGAGAGAGAGAGA 3

RESULT 341
US-10-289-762-4847
Sequence 4847, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Grifflais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4847
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-4847

Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1620 CTTGAGCTGCAGAGAGCT 1637
DB      2 CTTGATCTGCAGAGAGCT 19

RESULT 342
US-10-210-479-33/c
Sequence 33, Application US/10210479
Publication No. US20040023380A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 6 EXPRESSION
FILE REFERENCE: RTS-0385
CURRENT APPLICATION NUMBER: US/10/210,479
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 123
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-479-33

Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3053 TGGCTGCTGTGCTGCTCA 3070
DB      20 TGGCGGCTGTGCTGCTCA 3

RESULT 343
US-10-210-479-101
Sequence 101, Application US/10210479
Publication No. US20040023380A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 6 EXPRESSION
FILE REFERENCE: RTS-0385
CURRENT APPLICATION NUMBER: US/10/210,479
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 123
SEQ ID NO 101
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-210-479-101

Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3053 TGGCTGCTGTGCTGCTCA 3070
DB      1 TGGCGGCTGTGCTGCTCA 18

RESULT 344
US-10-380-124-65/c
Sequence 65, Application US/10380124
Publication No. US20040053874A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
US-10-380-124-65/c
```

```

; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/10/380,124
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-124-65
```

```

Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      2082 CTGGGTGTCCTGCTGCGC 2099
Db      20  CTGGGTGTCCTGCTGCGC 3
```

```

RESULT 345
US-10-292-312-14/c
; Sequence 14, Application US/10292312
; Publication No. US20040092461A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PHOSPHODIESTERASE 1B EXPRESSION
; FILE REFERENCE: RTS-0394
; CURRENT APPLICATION NUMBER: US/10/292,312
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 58
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-292-312-14
```

```

Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      3987 GGCTGAGCCTGAGCTGT 4004
Db      18  GGCTGAGCATGAGGCTGT 1
```

```

RESULT 346
US-10-292-312-52
; Sequence 52, Application US/10292312
; Publication No. US20040092461A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PHOSPHODIESTERASE 1B EXPRESSION
; FILE REFERENCE: RTS-0394
; CURRENT APPLICATION NUMBER: US/10/292,312
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 58
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-292-312-52
```

```

Query Match          0.3%; Score 16.4; DB 1; Length 20;
```

```

Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      3987 GGCTGAGCCTGAGCTGT 4004
Db      3  GGCTGAGCATGAGGCTGT 20
```

```

RESULT 347
US-10-184-085A-166/c
; Sequence 166, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 166
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-166
```

```

Query Match          0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      2436 GGATGAGAGGGGAGAGG 2453
Db      18  GGATGAGAGGGGAGAGG 1
```

```

RESULT 348
US-10-184-085A-234/c
; Sequence 234, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 234
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-234
```

```

Query Match          0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      2437 GATGAGAGGGGAGAGGT 2454
Db      21  GATGAGAGGGGAGAGGT 4
```

```

RESULT 349
```



```
US-10-184-085A-827/c
; Sequence 827, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 827
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-827

Query Match      0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGGGGAGAGG 2453
DB      21  GGATGAGAGGGGAGAGG 4

RESULT 350
US-10-184-085A-828/c
; Sequence 828, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 828
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-828

Query Match      0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGGGGAGAGG 2453
DB      20  GGATGAGAGGGGAGAGG 3

RESULT 351
US-10-184-085A-866/c
; Sequence 866, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
```

```
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 866
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-866

Query Match      0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGGGGAGAGG 2453
DB      18  GGATGAGAGGGGAGAGG 1

RESULT 352
US-10-184-085A-901/c
; Sequence 901, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 901
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-901

Query Match      0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGGGGAGAGG 2453
DB      19  GGATGAGAGGGGAGAGG 2

RESULT 353
US-10-184-085A-937/c
; Sequence 937, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 937
; LENGTH: 21
```

TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-184-085A-937

Query Match 0.3%; Score 16.4; DB 1; Length 21;  
Best Local Similarity 94.4%; Pred. No. 4.8e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGAGGAGGAGG 2453  
DB 19 GGATGAGGAGGAGG 2

RESULT 354  
US-10-184-085A-973/C  
Sequence 973, Application US/10184085A  
Publication No. US20030152950A1  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Minna, John D.  
APPLICANT: Luebke, Kevin, J.  
APPLICANT: Balog, Robert P.  
TITLE OF INVENTION: Identification of Chemically Modified Polymers  
FILE REFERENCE: 119929-1035  
CURRENT APPLICATION NUMBER: US/10/184,085A  
CURRENT FILING DATE: 2002-10-01  
PRIOR APPLICATION NUMBER: US 60/301,370  
PRIOR FILING DATE: 2001-06-27  
NUMBER OF SEQ ID NOS: 1291  
SOFTWARE: FastSeq for windows Version 4.0  
SEQ ID NO 973  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-184-085A-973

Query Match 0.3%; Score 16.4; DB 1; Length 21;  
Best Local Similarity 94.4%; Pred. No. 4.8e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGAGGAGGAGG 2453  
DB 19 GGATGAGGAGGAGG 2

RESULT 355  
US-09-888-326-840/C  
Sequence 840, Application US/09888326  
Publication No. US20030026801A1  
GENERAL INFORMATION:  
APPLICANT: Weiner, George  
APPLICANT: Hartmann, Gunther  
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced  
TITLE OF INVENTION: Cell Lysis and Treating Cancer  
FILE REFERENCE: C1039/7052 (AWS)  
CURRENT APPLICATION NUMBER: US/09/888,326  
CURRENT FILING DATE: 2001-06-22  
PRIOR APPLICATION NUMBER: US 60/213,346  
PRIOR FILING DATE: 2000-06-22  
NUMBER OF SEQ ID NOS: 848  
SOFTWARE: FastSeq for windows Version 3.0  
SEQ ID NO 840  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Synthetic oligonucleotide  
NAME/KEY: misc feature  
LOCATION: (0)...(0)  
OTHER INFORMATION: phosphorothioate backbone  
US-09-888-326-840

Query Match 0.3%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 5.2e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAA 5413  
DB 21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 356  
US-09-912-014-2  
Sequence 2, Application US/09912014  
Publication No. US20030059929A1  
GENERAL INFORMATION:  
APPLICANT: Heller, Michael J.; and Tu, Eugene  
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING  
MICROELECTRONIC SYSTEMS AND DEVICES FOR  
MOLECULAR BIOLOGICAL ANALYSIS AND  
DIAGNOSTICS  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
SOFTWARE: Wordperfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/912,014  
FILING DATE: 24-Jul-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/146,504  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-912-014-2

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 5.2e+02;  
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAAAATCAAAAAAGAAAAT 5416  
DB 1 AAAAAAAAAAAAAAAAAAAAAA 21

RESULT 357  
US-09-776-479-912/C  
Sequence 912, Application US/09776479  
Publication No. US20030087848A1  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
APPLICANT: Fouron, Yves  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the

```

; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATTCAGAAAAAGAAA 5413
Db      21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 358
US-09-776-479-912/c
; Sequence 912, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATTCAGAAAAAGAAA 5413
Db      21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 359
US-10-112-653-881/c
; Sequence 881, Application US/10112653
; Publication No. US20030050288A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060 (AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
```

```

; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 881
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-881

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATTCAGAAAAAGAAA 5413
Db      21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 360
US-10-017-995-912/c
; Sequence 912, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-912

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATTCAGAAAAAGAAA 5413
Db      21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 361
US-10-206-839-108/c
; Sequence 108, Application US/10206839
; Publication No. US20030099977A1
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Kutch, Janice
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
; CURRENT APPLICATION NUMBER: US/10/206,839
; PRIOR FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: 09/328,174
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 108
; LENGTH: 21
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-206-839-108

Query Match      0.3%; Score 16.2; DB 1; Length 21;
```

Best Local Similarity 85.7%; Pred. No. 5.2e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1195 GAGAAATCAGAGAAAGCGAGG 1215

DB 21 GAGAAAGCTGAGATAGGCGAGG 1

## RESULT 362

US-10-184-085A-247/c

; Sequence 247, Application US/10184085A

; Publication No. US20030152950A1

; GENERAL INFORMATION:

; APPLICANT: Garner, Harold R.

; APPLICANT: Minna, John D.

; APPLICANT: Luebke, Kevin, J.

; APPLICANT: Balogh, Robert P.

; TITLE OF INVENTION: Identification of Chemically Modified Polymers

; FILE REFERENCE: 119929-1035

; CURRENT APPLICATION NUMBER: US/10/184,085A

; PRIORITY FILING DATE: 2002-10-01

; PRIOR APPLICATION NUMBER: US 60/301,370

; NUMBER OF SEQ ID NOS: 1291

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 247

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-184-085A-247

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 5.2e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2432 TCGAGATGAGAGCGGAGAG 2452

DB 21 TCGATGATGAGAGCGGAGAG 1

## RESULT 363

US-10-371-066-2

; Sequence 2, Application US/10371066

; Publication No. US20030162214A1

; GENERAL INFORMATION:

; APPLICANT: Heller, Michael J.; and Tu, Eugene

; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC SYSTEMS AND DEVICES FOR

; MOLECULAR BIOLOGICAL ANALYSIS AND

; DIAGNOSTICS

; NUMBER OF SEQUENCES: 31

; CORRESPONDENCE ADDRESS:

; ADDRESS: Lyon & Lyon

; STREET: 611 West Sixth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: USA

; ZIP: 90017

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)

; SOFTWARE: WordPerfect (Version 5.1)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/371,066

; FILING DATE: 21-Feb-2003

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/146,504

; FILING DATE: No. US20030162214A1ember 1, 1993

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 203/218

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-10-371-066-2

## Query Match

Best Local Similarity 81.0%; Pred. No. 5.2e+02;  
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAGAAAAT 5416

DB 1 AAAAAGAAAAGAAAAT 21

## RESULT 364

US-10-170-172-2

; Sequence 2, Application US/10170172

; Publication No. US20030190632A1

; GENERAL INFORMATION:

; APPLICANT: SOSNOMSKI, RONALD G

; APPLICANT: BUTLER, WILLIAM F

; APPLICANT: TU, EUGENE

; APPLICANT: NERENBERG, MICHAEL I

; APPLICANT: HELLER, MICHAEL J

; APPLICANT: EDMAN, CARL F

; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC

; TITLE OF INVENTION: INTERATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,

; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL

; FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194

; CURRENT APPLICATION NUMBER: US/10/170,172

; PRIORITY FILING DATE: 2002-06-11

; PRIOR APPLICATION NUMBER: US/08/986,065

; NUMBER OF SEQ ID NOS: 55

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 2

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: u

; LOCATION: (21)

; OTHER INFORMATION: Description of Artificial Sequence: Synthesized

; OTHER INFORMATION: with u at 3' terminus to provide ribonucleic acid

; OTHER INFORMATION: base for reactivity; Poly A sequence for reduced

; OTHER INFORMATION: secondary structure

US-10-170-172-2

## Query Match

Best Local Similarity 81.0%; Score 16.2; DB 1; Length 21;  
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAGAAAAT 5416

DB 1 AAAAAGAAAAGAAAAT 21

## RESULT 365

US-10-144-179A-41/c

; Sequence 41, Application US/10144179A

; Publication No. US20030211483A1

; GENERAL INFORMATION:

; APPLICANT: Schroeder, Benjamin

```
/ APPLICANT: Chen, Calfu
/ APPLICANT: Schroth, Gary
/ TITLE OF INVENTION: Method for the Enrichment of
/ FILE REFERENCE: ABIOS.005A
/ CURRENT APPLICATION NUMBER: US/10/144,179A
/ CURRENT FILING DATE: 2002-10-01
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 41
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligo-dt primer
US-10-144-179A-41

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 366
US-10-314-578-912/c
/ Sequence 912, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Volmer, Jörg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 912
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-912

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 367
US-10-418-182-106/c
/ Sequence 106, Application US/10418182
/ Publication No. US20030228302A1
/ GENERAL INFORMATION:
/ APPLICANT: Crea, Roberto
/ APPLICANT: Crea, Roberto
/ TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
/ FILE REFERENCE: 1551.2001-001
/ CURRENT APPLICATION NUMBER: US/10/418,182
/ CURRENT FILING DATE: 2003-04-16
```

```
/ PRIOR APPLICATION NUMBER: 60/373,558
/ PRIOR FILING DATE: 2002-04-17
/ NUMBER OF SEQ ID NOS: 423
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 106
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide
US-10-418-182-106

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 368
US-10-349-143-10355
/ Sequence 10355, Application US/10349143
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ CURRENT FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10355
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-11356 for SEQ 2490, in complem
US-10-349-143-10355

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5184 CAAATTGGGCTTCAGCGTGG 5204
DB 1 CAAATTGGGCTTAGCATGG 21

RESULT 369
US-10-410-031-189/c
/ Sequence 189, Application US/10410031
/ Publication No. US20040010817A1
/ GENERAL INFORMATION:
/ APPLICANT: Schokey, Jay M.
/ APPLICANT: Schnurr, Judy
/ APPLICANT: Browae, John A.
/ TITLE OF INVENTION: Plant Acyl-CoA Synthetases
/ FILE REFERENCE: DOM-07654
/ CURRENT APPLICATION NUMBER: US/10/410,031
/ CURRENT FILING DATE: 2003-04-09
```

NUMBER OF SEQ ID NOS: 191  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 189  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-410-031-189

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 5.2e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAATAATACAAAGAAA 5413  
Db 21 TAAAAAAAAAAAAAAAAAAAA 1

RESULT 370  
US-10-435-489-41/c  
Sequence 41, Application US/10435489  
Publication No. US20040014105A1  
GENERAL INFORMATION:  
APPLICANT: Schroeder, Benjamin  
APPLICANT: Chen, Caifu  
TITLE OF INVENTION: Methods for the Enrichment of  
FILE REFERENCE: ABIOS.005CPI  
CURRENT APPLICATION NUMBER: US/10/435,489  
CURRENT FILING DATE: 2003-05-09  
PRIOR APPLICATION NUMBER: 10/144,179  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 41  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligo-dT primer  
US-10-435-489-41

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 5.2e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAGAAA 5413  
Db 21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 371  
US-10-278-760-2/c  
Sequence 2, Application US/10278760  
Publication No. US20040081962A1  
GENERAL INFORMATION:  
APPLICANT: Chen, Caifu  
APPLICANT: Schroeder, Ben  
APPLICANT: Brandier, John  
APPLICANT: Schrotz, Gary  
APPLICANT: Applied Biosystems  
TITLE OF INVENTION: Methods for Synthesizing Complementary DNA  
FILE REFERENCE: 1560.012US1  
CURRENT APPLICATION NUMBER: US/10/278,760  
CURRENT FILING DATE: 2002-10-23  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: A control primer.  
US-10-278-760-2

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 5.2e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAGAAA 5413  
Db 21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 372  
US-10-786-720-11734  
Sequence 11734, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 11734  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-786-720-11734

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 5.2e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 571 AAGAAGAGAGCTGAAGAG 591  
Db 1 AAGAAGAGAGCTGAAGAG 21

RESULT 373  
US-10-786-720-11735  
Sequence 11735, Application US/10786720  
Publication No. US20040191818A1  
GENERAL INFORMATION:  
APPLICANT: Wyeth  
APPLICANT: O'Toole, Margot  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
FILE REFERENCE: 031896-023000 (AM101331L)  
CURRENT APPLICATION NUMBER: US/10/786,720  
CURRENT FILING DATE: 2004-02-26  
NUMBER OF SEQ ID NOS: 21135  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 11735  
LENGTH: 21  
TYPE: RNA  
ORGANISM: RNAI-sense strand  
US-10-786-720-11735

Query Match 0.3%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 71.4%; Pred. No. 5.2e+02;  
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 573 GAAGAGAGCTGAAGAGTT 593  
Db 1 GAAGAGAGAGCTGAAGAGUU 21

```
RESULT 374
US-10-786-720-11736/C
; Sequence 11736, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11736
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-11736

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 571 AAGAAGAGAGAGCTGAAGAG 591
DB 21 AAGAAGAGAGAGCTGAAGAG 1

RESULT 375
US-10-786-720-13933
; Sequence 13933, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13933
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13933

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3589 CATGTTGCTACGCTTAATCTC 3609
DB 1 CATGTTGCTACGCTGCTCTC 21

RESULT 376
US-10-357-488-6
; Sequence 6, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
; TITLE OF INVENTION: No. US20030194730A1d P1SSR-PCR primers and markers and a method
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
; FILE REFERENCE: 782-Indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
```

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; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel P1SSR-PCR primer for genotyping eukaryotes
US-10-357-488-6

Query Match      0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1174 GAATCAGAGAGAGAGAGAGA 1194
DB 2 GTAATCAGAGAGAGAGAGAGA 22

RESULT 377
US-09-803-165-12/C
; Sequence 12, Application US/09803165
; Patent No. US20020052036A1
; GENERAL INFORMATION:
; APPLICANT: Sobek, Harald
; APPLICANT: Frey, Bruno
; APPLICANT: Antreanikian, Garabed
; APPLICANT: Boehlke, Kristina
; APPLICANT: Pisani, Francesca Maria
; APPLICANT: Rossi, Mose
; TITLE OF INVENTION: Mutant B-type DNA Polymerases Exhibiting Improved Performance
; FILE REFERENCE: 5328
; CURRENT APPLICATION NUMBER: US/09/803,165
; CURRENT FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: EP/00105155.6
; PRIOR FILING DATE: 2000-03-11
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: amplification primer
US-09-803-165-12

Query Match      0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4406 AAGAAGATGAGACTGTGTGT 4426
DB 21 ATRAAGATGAGAGCTGTGAGT 1

RESULT 378
US-09-925-548-81/C
; Sequence 81, Application US/09925548
; Patent No. US20020107216A1
; GENERAL INFORMATION:
; APPLICANT: Dedhar, Shoukat
; APPLICANT: Hamigan, Greg
; APPLICANT: Yee, Arthur
; TITLE OF INVENTION: INTEGRIN-LINKED KINASE AND ITS USES
; FILE REFERENCE: KINE001CIP4
; CURRENT APPLICATION NUMBER: US/09/925,548
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 09/390,425
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: 09/035,706
; PRIOR FILING DATE: 1998-03-05
; PRIOR APPLICATION NUMBER: 08/955,841
```

;; PRIOR FILING DATE: 1997-10-21  
;; PRIOR APPLICATION NUMBER: 08/752,345  
;; PRIOR FILING DATE: 1996-11-19  
;; PRIOR APPLICATION NUMBER: 60/009,074  
;; PRIOR FILING DATE: 1995-12-21  
;; NUMBER OF SEQ ID NOS: 97  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 81  
;; LENGTH: 19  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-925-548-81

Query Match 0.3%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.7e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3078 GGACTGCAGAGGACCTTGCC 3096  
DB 19 GGACTGGAAGTCTCTGACC 1

RESULT 379  
US-09-563-728A-6  
;; Sequence 6, Application US/09563728A  
;; Publication No. US20030078216A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Macleod, Alan R  
;; APPLICANT: Li, Zoumei  
;; APPLICANT: Besterman, Jeffrey M  
;; TITLE OF INVENTION: Inhibition of Histone Deacetylase  
;; FILE REFERENCE: 106101.229  
;; CURRENT APPLICATION NUMBER: US/09/563,728A  
;; PRIOR FILING DATE: 2000-05-03  
;; PRIOR APPLICATION NUMBER: 60/132,287  
;; PRIOR FILING DATE: 1999-05-03  
;; NUMBER OF SEQ ID NOS: 36  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 6  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-563-728A-6

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGCC 2660  
DB 1 TGCCTGCTGCTGCTGCC 19

RESULT 380  
US-09-563-728A-15  
;; Sequence 15, Application US/09563728A  
;; Publication No. US20030078216A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Macleod, Alan R  
;; APPLICANT: Li, Zoumei  
;; APPLICANT: Besterman, Jeffrey M  
;; TITLE OF INVENTION: Inhibition of Histone Deacetylase  
;; FILE REFERENCE: 106101.229  
;; CURRENT APPLICATION NUMBER: US/09/563,728A  
;; PRIOR FILING DATE: 2000-05-03  
;; PRIOR APPLICATION NUMBER: 60/132,287  
;; PRIOR FILING DATE: 1999-05-03  
;; NUMBER OF SEQ ID NOS: 36  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 15

;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; NAME/KEY: modified base  
;; LOCATION: 1-4 and 17-20 are modified  
;; OTHER INFORMATION: Positions 1-4 and 17-20 are 2'-methoxyribose  
;; OTHER INFORMATION: substituted nucleotides; positions 5-16 are  
US-09-563-728A-15

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 5.9e+02;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGCC 2660  
DB 1 UGCTGCTGCTGCTGCC 19

RESULT 381  
US-09-975-123-23/c  
;; Sequence 23, Application US/09975123  
;; Publication No. US20030087857A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Susan M. Freier  
;; TITLE OF INVENTION: ANTISENSE MODULATION OF INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN  
;; FILE REFERENCE: RTS-0253  
;; CURRENT APPLICATION NUMBER: US/09/975,123  
;; CURRENT FILING DATE: 2001-10-09  
;; NUMBER OF SEQ ID NOS: 43  
;; SEQ ID NO 23  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Antisense oligonucleotide  
US-09-975-123-23

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1634 AGCTGCCCCAGTCCAGGT 1652  
DB 19 AGCTGACCCAGTCCAGTT 1

RESULT 382  
US-09-993-731-82/c  
;; Sequence 82, Application US/09993731  
;; Publication No. US20030105040A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Brett P. Monia  
;; APPLICANT: Andrew T. Watt  
;; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION  
;; FILE REFERENCE: RTS-0302  
;; CURRENT APPLICATION NUMBER: US/09/993,731  
;; CURRENT FILING DATE: 2001-11-13  
;; NUMBER OF SEQ ID NOS: 89  
;; SEQ ID NO 82  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Antisense oligonucleotide  
US-09-993-731-82

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;



QY 2642 TGCAGCTGCTGCTGACGCC 2660  
|||||  
DB 20 TGCAGCTGAGGCTGACGCC 2

RESULT 383  
US-10-067-125-62/c  
; Sequence 62, Application US/10067125  
; Publication No. US20030055015A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: Cowsett, Lex M.  
; APPLICANT: Monia, Brett P.  
; APPLICANT: Xu, Xiaoxing S.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION  
; FILE REFERENCE: ISPH-0321  
; CURRENT APPLICATION NUMBER: US/10/067,125  
; PRIOR FILING DATE: 2002-02-04  
; PRIOR APPLICATION NUMBER: 09/167,109  
; PRIOR FILING DATE: 1998-10-06  
; NUMBER OF SEQ ID NOS: 228  
; SEQ ID NO 62  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
US-10-067-125-62

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1811 GCAGCCAGCCACAGCCGCC 1829  
|||||  
DB 19 GCAGCCAGCCACAGCCGCC 1

RESULT 384  
US-10-145-493B-51  
; Sequence 51, Application US/10145493B  
; Publication No. US20030096777A1  
; GENERAL INFORMATION:  
; APPLICANT: Besterman, Jeffrey  
; APPLICANT: MacLeod, Robert  
; APPLICANT: Siders, William  
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy  
; FILE REFERENCE: MET-015DV  
; CURRENT APPLICATION NUMBER: US/10/145,493B  
; PRIOR FILING DATE: 2002-05-14  
; PRIOR APPLICATION NUMBER: 09/420,692  
; PRIOR FILING DATE: 1999-10-19  
; PRIOR APPLICATION NUMBER: US 60/104,804  
; PRIOR FILING DATE: 1998-10-19  
; NUMBER OF SEQ ID NOS: 90  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 51  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-10-145-493B-51

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGACGCC 2660  
|||||  
DB 1 TGCAGCTGCTGCTGACGCC 19

RESULT 385  
US-10-371-474-63/c  
; Sequence 63, Application US/10371474  
; Publication No. US20030144242A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: William Gaarde  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION  
; FILE REFERENCE: RTS-0169  
; CURRENT APPLICATION NUMBER: US/10/371,474  
; PRIOR FILING DATE: 2003-02-21  
; PRIOR APPLICATION NUMBER: US/09/676,436  
; PRIOR FILING DATE: 2000-09-29  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 63  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-371-474-63

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGAGCTGCTGCTGACGC 2659  
|||||  
DB 19 CTGAGCTGCTGCTGACGC 1

RESULT 386  
US-10-238-442-65  
; Sequence 65, Application US/10238442  
; Publication No. US20030176383A1  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P.  
; APPLICANT: Gaarde, William A.  
; APPLICANT: Nero, Pamela S.  
; APPLICANT: McKay, Robert  
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen  
; TITLE OF INVENTION: Activated Protein Kinase Expression  
; FILE REFERENCE: ISPH-0488  
; CURRENT APPLICATION NUMBER: US/10/238,442  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: 09/640,101  
; PRIOR FILING DATE: 2000-08-15  
; PRIOR APPLICATION NUMBER: 09/286,904  
; PRIOR FILING DATE: 1999-04-06  
; NUMBER OF SEQ ID NOS: 107  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 65  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
US-10-238-442-65

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2639 CCTGAGCTGCTGCTGCA 2657  
|||||  
DB 1 CCTGAGCTGCTGCTGCA 19

RESULT 387  
US-10-160-786-51/c  
; Sequence 51, Application US/10160786

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/ Publication No. US20030225013A1
/ GENERAL INFORMATION:
/ APPLICANT: Susan M. Freier
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOINOSITIDE-3-KINASE, REGULATORY SUBSTRATE
/ FILE REFERENCE: RTS-0376
/ CURRENT APPLICATION NUMBER: US/10/160,786
/ CURRENT FILING DATE: 2002-05-31
/ NUMBER OF SEQ ID NOS: 147
/ SEQ ID NO 51
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-786-51

Query Match          0.3% Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 376 GGTGCCCTGGGATTTATTA 394
DB 20 GGTGCCCTGGGATTTATCA 2

RESULT 388
US-10-160-786-119
/ Sequence 119, Application US/10160786
/ Publication No. US20030225013A1
/ GENERAL INFORMATION:
/ APPLICANT: Susan M. Freier
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOINOSITIDE-3-KINASE, REGULATORY SUBSTRATE
/ FILE REFERENCE: RTS-0376
/ CURRENT APPLICATION NUMBER: US/10/160,786
/ CURRENT FILING DATE: 2002-05-31
/ NUMBER OF SEQ ID NOS: 147
/ SEQ ID NO 119
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-786-119

Query Match          0.3% Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 376 GGTGCCCTGGGATTTATTA 394
DB 1 GGTGCCCTGGGATTTATCA 19

RESULT 389
US-10-309-775A-72/c
/ Sequence 72, Application US/10309775A
/ Publication No. US20040006032A1
/ GENERAL INFORMATION:
/ APPLICANT: LOPEZ, Ricardo A.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
/ FILE REFERENCE: 2901/0M327
/ CURRENT APPLICATION NUMBER: US/10/309,775A
/ CURRENT FILING DATE: 2002-12-04
/ PRIOR APPLICATION NUMBER: CA 2,388,049
/ NUMBER OF SEQ ID NOS: 74
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 72
/ LENGTH: 20
/ TYPE: DNA

/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR primer
US-10-309-775A-72

Query Match          0.3% Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAAA 5421
DB 19 AAAAAAGAAAAATGAAAA 1

RESULT 390
US-10-210-290-22
/ Sequence 22, Application US/10210290
/ Publication No. US20040023378A1
/ GENERAL INFORMATION:
/ APPLICANT: Ming-Yi Chiang
/ APPLICANT: Eric G. Marcussen
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF KIAA1531 PROTEIN EXPRESSION
/ FILE REFERENCE: RTS-0367
/ CURRENT APPLICATION NUMBER: US/10/210,290
/ CURRENT FILING DATE: 2002-07-31
/ NUMBER OF SEQ ID NOS: 134
/ SEQ ID NO 22
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-290-22

Query Match          0.3% Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 CCATCATCTCCACCTTCTT 2336
DB 2 CCACGATCTCCACCTTCTT 20

RESULT 391
US-10-210-290-97/c
/ Sequence 97, Application US/10210290
/ Publication No. US20040023378A1
/ GENERAL INFORMATION:
/ APPLICANT: Ming-Yi Chiang
/ APPLICANT: Eric G. Marcussen
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF KIAA1531 PROTEIN EXPRESSION
/ FILE REFERENCE: RTS-0367
/ CURRENT APPLICATION NUMBER: US/10/210,290
/ CURRENT FILING DATE: 2002-07-31
/ NUMBER OF SEQ ID NOS: 134
/ SEQ ID NO 97
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-290-97

Query Match          0.3% Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 CCATCATCTCCACCTTCTT 2336
DB 19 CCACGATCTCCACCTTCTT 1
```

```
RESULT 392
US-10-380-126-38
; Sequence 38, Application US/10380126
; Publication No. US20040029824A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: RSP-0175
; CURRENT APPLICATION NUMBER: US/10/380,126
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/657,042
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-126-38

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2641 CTGACGCTGCTGCTGCGAC 2659
DB      2   CTGAGAGCTGCTGCTGCGGC 20

RESULT 393
US-10-320-893-1/c
; Sequence 1, Application US/10320893
; Publication No. US20040053254A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Lawrence J.
; APPLICANT: Pierce, Kenneth
; APPLICANT: Hartshorn, Cristina
; APPLICANT: Rice, John
; APPLICANT: Sanchez, J. Aquiles
; TITLE OF INVENTION: LATE-PCR
; FILE REFERENCE: 08609-013001
; CURRENT APPLICATION NUMBER: US/10/320,893
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US 60/341,886
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-320-893-1

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      909 CCAGGGCTCAGAGAGAGG 927
DB      19   CCAGGGGGCAGAGAGAGG 1

RESULT 394
US-10-667-022-51/c
; Sequence 51, Application US/10667022
; Publication No. US20040063657A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
US-10-667-022-51

RESULT 395
US-10-667-022-119
; Sequence 119, Application US/10667022
; Publication No. US20040063657A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOINOSITIDE-3-KINASE, REGULATORY SUB
; FILE REFERENCE: RTS-0376
; CURRENT APPLICATION NUMBER: US/10/667,022
; CURRENT FILING DATE: 2003-09-18
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 119
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-667-022-119

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      376 GGTGCCCTGGGATTATTA 394
DB      20   GGTGCCGTGGGATTATTA 2

RESULT 396
US-10-210-802-22
; Sequence 22, Application US/10210802
; Publication No. US20040087523A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF KIAA1531 PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0367
; CURRENT APPLICATION NUMBER: US/10/210,802
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-802-22
```

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 CCATCATCTCCACCTTCTT 2336  
DB 2 CCACGATCTCCACCTTCTT 20

RESULT 397  
US-10-210-802-97/c  
; Sequence 97, Application US/10210802  
; Publication No. US20040087523A1  
; GENERAL INFORMATION:  
; APPLICANT: Ming-Yi Chiang  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF KIAA1531 PROTEIN EXPRESSION  
; FILE REFERENCE: RTS-0367  
; CURRENT APPLICATION NUMBER: US/10/210,802  
; CURRENT FILING DATE: 2002-07-31  
; NUMBER OF SEQ ID NOS: 134  
; SEQ ID NO 97  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-210-802-97

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 CCATCATCTCCACCTTCTT 2336  
DB 19 CCACGATCTCCACCTTCTT 1

RESULT 398  
US-10-300-611-61  
; Sequence 61, Application US/10300611  
; Publication No. US20040097451A1  
; GENERAL INFORMATION:  
; APPLICANT: Ming-Yi Chiang  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF NIDOGN EXPRESSION  
; FILE REFERENCE: PTS-0059  
; CURRENT APPLICATION NUMBER: US/10/300,611  
; CURRENT FILING DATE: 2002-11-19  
; NUMBER OF SEQ ID NOS: 136  
; SEQ ID NO 61  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-300-611-61

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3276 TAGTGCCAGCCCGACCTG 3294  
DB 1 TGTGTCGACGCCCATCTG 19

RESULT 399  
US-10-300-611-125/c  
; Sequence 125, Application US/10300611  
; Publication No. US20040097451A1  
; GENERAL INFORMATION:  
; APPLICANT: Ming-Yi Chiang  
; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: MODULATION OF NIDOGN EXPRESSION  
; FILE REFERENCE: PTS-0059  
; CURRENT APPLICATION NUMBER: US/10/300,611  
; CURRENT FILING DATE: 2002-11-19  
; NUMBER OF SEQ ID NOS: 136  
; SEQ ID NO 125  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-300-611-125

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3276 TAGTGCCAGCCCGACCTG 3294  
DB 20 TGTGTCGACGCCCATCTG 2

RESULT 400  
US-10-315-962-67/c  
; Sequence 67, Application US/10315962  
; Publication No. US20040109848A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: Susan M. Preler  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION  
; FILE REFERENCE: PTS-0046  
; CURRENT APPLICATION NUMBER: US/10/315,962  
; CURRENT FILING DATE: 2000-12-09  
; NUMBER OF SEQ ID NOS: 126  
; SEQ ID NO 67  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-315-962-67

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCGCTGCTGCTGCGC 2659  
DB 19 CTGCTGCTGCTGCTGCGC 1

RESULT 401  
US-10-317-270-81/c  
; Sequence 81, Application US/10317270  
; Publication No. US20040110701A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; APPLICANT: Tamara Balac Sipes  
; TITLE OF INVENTION: MODULATION OF ZINEDIN EXPRESSION  
; FILE REFERENCE: RTS-0479  
; CURRENT APPLICATION NUMBER: US/10/317,270  
; CURRENT FILING DATE: 2002-12-10  
; NUMBER OF SEQ ID NOS: 160  
; SEQ ID NO 81  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-317-270-81

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 245 CCTGCTGCGCCCGGAGCCC 263

DB 19 CCTGCTGCGCCCGGAGCCC 1

## RESULT 402

US-10-449-741B-32/C  
Sequence 32, Application US/10449741B  
Publication No. US20040142387A1  
GENERAL INFORMATION:  
APPLICANT: LERNMARK, Ake  
APPLICANT: LUNO, Dong  
APPLICANT: MACHURRAY, Armand  
APPLICANT: ETTINGER, Rich  
APPLICANT: MORALEJO, Daniel  
APPLICANT: RUTLEDGE, Elizabeth A.  
TITLE OF INVENTION: MUTANTS OF GAD65 AND IANS RELATING TO DIABETES  
FILE REFERENCE: 16336-19  
CURRENT APPLICATION NUMBER: US/10/449,741B  
PRIOR FILING DATE: 2003-05-29  
PRIOR APPLICATION NUMBER: US 60/383,913  
PRIOR FILING DATE: 2002-05-29  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 32  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR Primer  
US-10-449-741B-32

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 572 AGAAGAGGAGCTGAGGGA 590

DB 19 AGAAGAGGAGCTGAGGGA 1

## RESULT 403

US-10-641-455A-65  
Sequence 65, Application US/10641455A  
Publication No. US20040171566A1  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P.  
APPLICANT: Gaarde, William A.  
APPLICANT: Nero, Pamela S.  
APPLICANT: McKay, Robert  
APPLICANT: Popoff, Ian  
APPLICANT: Wong, Mai Shu Fred  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen  
TITLE OF INVENTION: Activated Protein Kinase Expression  
FILE REFERENCE: ISFH-0762  
CURRENT APPLICATION NUMBER: US/10/641,455A  
PRIOR FILING DATE: 2003-08-15  
PRIOR APPLICATION NUMBER: US 10/238,442  
PRIOR FILING DATE: 2002-09-09  
PRIOR APPLICATION NUMBER: US 09/640,101  
PRIOR FILING DATE: 2000-08-15  
PRIOR APPLICATION NUMBER: US 09/286,904  
PRIOR FILING DATE: 1999-04-06  
NUMBER OF SEQ ID NOS: 266  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 65  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

OTHER INFORMATION: antisense sequence  
US-10-641-455A-65

Query Match 0.3%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2639 CCTGAGCTGCTGTCGA 2657

DB 1 CCTGAGCTGCTGTCGA 19

## RESULT 404

US-09-888-326-240  
Sequence 240, Application US/09888326  
Publication No. US20030026801A1  
GENERAL INFORMATION:  
APPLICANT: Weiner, George  
APPLICANT: Hartmann, Gunther  
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced  
TITLE OF INVENTION: Cell lysis and Treating Cancer  
FILE REFERENCE: C1039/7052 (AMS)  
CURRENT APPLICATION NUMBER: US/09/888,326  
PRIOR FILING DATE: 2001-06-22  
PRIOR APPLICATION NUMBER: US 60/213,346  
PRIOR FILING DATE: 2000-06-22  
NUMBER OF SEQ ID NOS: 848  
SOFTWARE: PatSeq for Windows Version 3.0  
SEQ ID NO 240  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide  
NAME/KEY: misc\_feature  
LOCATION: (0)...(0)  
OTHER INFORMATION: phosphorothioate backbone  
US-09-888-326-240

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGAGCTGCTGCTGAGC 2659

DB 1 CTGAGCTGCTGCTGAGC 19

## RESULT 405

US-09-938-689-26  
Sequence 26, Application US/09938689  
Publication No. US20030028911A1  
GENERAL INFORMATION:  
APPLICANT: Huang, Manley  
APPLICANT: Harding, Fiona  
TITLE OF INVENTION: TRANSGENIC MAMMAL CAPABLE OF FACILITATING PRODUCTION OF  
TITLE OF INVENTION: DONOR-SPECIFIC FUNCTIONAL IMMUNITY  
FILE REFERENCE: 9342-028  
CURRENT APPLICATION NUMBER: US/09/938,689  
PRIOR FILING DATE: 2001-08-23  
PRIOR APPLICATION NUMBER: 09/651,361  
PRIOR FILING DATE: 2000-08-30  
PRIOR APPLICATION NUMBER: 60/151,688  
PRIOR FILING DATE: 1999-08-31  
NUMBER OF SEQ ID NOS: 72  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 26  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: PCR Primer  
US-09-938-689-26

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2434 GAGATGAGAGCGGAGAG 2452

DB 1 GATGCTGAGAGCGGAGAG 19

RESULT 406

US-09-932-300-8  
; Sequence 8, Application US/09932300  
; Publication No. US20030032788A1  
; GENERAL INFORMATION:  
; APPLICANT: GARVER, Eric  
; APPLICANT: TU, Guang-chou  
; APPLICANT: ISRAEL, Yedy  
; TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION  
; FILE REFERENCE: 9855-302  
; CURRENT APPLICATION NUMBER: US/09/932,300  
; PRIOR FILING DATE: 2001-08-20  
; PRIOR APPLICATION NUMBER: US 60/051,705  
; PRIOR FILING DATE: 1997-07-03  
; PRIOR APPLICATION NUMBER: US 09/109,663  
; NUMBER OF SEQ ID NOS: 111  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Candidate  
US-09-932-300-8

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 60 TGGGTTCTGAAGCCCAT 78

DB 3 TGAAGTCCGAAAGCCCAT 21

RESULT 407

US-09-776-479-780  
; Sequence 780, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fournon, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; PRIOR FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 780  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-780

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAC 2659

DB 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 408

US-09-776-479-780  
; Sequence 780, Application US/09776479  
; Publication No. US20040067902A9  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fournon, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; PRIOR FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 780  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-780

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAC 2659

DB 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 409

US-10-112-653-753  
; Sequence 753, Application US/10112653  
; Publication No. US20030050268A1  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; APPLICANT: Berg, Daniel J.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES  
; FILE REFERENCE: C01039/70060(AWS)  
; CURRENT APPLICATION NUMBER: US/10/112,653  
; PRIOR FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: US 60/279,642  
; PRIOR FILING DATE: 2001-03-29  
; NUMBER OF SEQ ID NOS: 1040  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 753  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-10-112-653-753

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAC 2659

DB 1 CTGCTGCTGCTGCTGCTGC 19

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 410  
US-10-085-906-446  
Sequence 446, Application US/10085906  
Publication No. US20030054371A1  
GENERAL INFORMATION:  
APPLICANT: ying, Vincent  
APPLICANT: Wu, Paul  
APPLICANT: Gray, Gary S.  
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
FILE REFERENCE: GNN-5343CP2  
CURRENT APPLICATION NUMBER: US/10/085,906  
CURRENT FILING DATE: 2002-02-27  
PRIOR APPLICATION NUMBER: US 60/126,215  
PRIOR FILING DATE: 1999-03-25  
PRIOR APPLICATION NUMBER: US 09/534,061  
PRIOR FILING DATE: 2000-03-24  
PRIOR APPLICATION NUMBER: PCT/US00/07938  
PRIOR FILING DATE: 2000-03-24  
NUMBER OF SEQ ID NOS: 545  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 446  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-085-906-446

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5412 AAAATGAAATTAAGCAAT 5430  
DB 1 AAAAAAAAAATAAGCAAT 19

RESULT 411  
US-10-017-995-780  
Sequence 780, Application US/10017995  
Publication No. US20030055014A1  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
FILE REFERENCE: C1037/7025 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/10/017,995  
CURRENT FILING DATE: 2001-12-18  
PRIOR APPLICATION NUMBER: US 60/255,534  
PRIOR FILING DATE: 2000-12-14  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 780  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-780

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGACGCTGCTGCTGAC 2659  
DB 1 CTGCTGCTGCTGCTGCTG 19

RESULT 412  
US-10-184-085A-163/c  
Sequence 163, Application US/10184085A  
Publication No. US20030152950A1  
GENERAL INFORMATION:

APPLICANT: Garner, Harold R.  
APPLICANT: Minna, John D.  
APPLICANT: Luebke, Kevin, J.  
APPLICANT: Balog, Robert P.  
TITLE OF INVENTION: Identification of Chemically Modified Polymers  
FILE REFERENCE: 119929-1035  
CURRENT APPLICATION NUMBER: US/10/184,085A  
CURRENT FILING DATE: 2002-10-01  
PRIOR APPLICATION NUMBER: US 60/301,370  
PRIOR FILING DATE: 2001-06-27  
NUMBER OF SEQ ID NOS: 1291  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 163  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-184-085A-163

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAGGAGAGGT 2454  
DB 21 GGATGAGAGGAGAGGT 3

RESULT 413  
US-10-184-085A-164/c  
Sequence 164, Application US/10184085A  
Publication No. US20030152950A1  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Minna, John D.  
APPLICANT: Luebke, Kevin, J.  
APPLICANT: Balog, Robert P.  
TITLE OF INVENTION: Identification of Chemically Modified Polymers  
FILE REFERENCE: 119929-1035  
CURRENT APPLICATION NUMBER: US/10/184,085A  
CURRENT FILING DATE: 2002-10-01  
PRIOR APPLICATION NUMBER: US 60/301,370  
PRIOR FILING DATE: 2001-06-27  
NUMBER OF SEQ ID NOS: 1291  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 164  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-184-085A-164

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAGGAGAGGT 2454  
DB 20 GGATGAGAGGAGAGGT 2

RESULT 414  
US-10-184-085A-199/c  
Sequence 199, Application US/10184085A  
Publication No. US20030152950A1  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Minna, John D.  
APPLICANT: Luebke, Kevin, J.  
APPLICANT: Balog, Robert P.  
TITLE OF INVENTION: Identification of Chemically Modified Polymers  
FILE REFERENCE: 119929-1035  
CURRENT APPLICATION NUMBER: US/10/184,085A  
CURRENT FILING DATE: 2002-10-01  
PRIOR APPLICATION NUMBER: US 60/301,370

/ PRIOR FILING DATE: 2001-06-27  
/ NUMBER OF SEQ ID NOS: 1291  
/ SOFTWARE: FastSeq for Windows Version 4.0  
/ SEQ ID NO 199  
/ LENGTH: 21  
/ TYPE: DNA  
/ ORGANISM: Homo sapiens  
US-10-184-085A-199

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAGCGGAGAGGT 2454

DB 21 GGATGAGAGCGGAGAGGT 3

RESULT 415  
US-10-184-085A-200/c  
/ Sequence 200, Application US/10184085A  
/ Publication No. US20030152950A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Garner, Harold R.  
/ APPLICANT: Minna, John D.  
/ APPLICANT: Luebke, Kevin, J.  
/ APPLICANT: Balog, Robert P.  
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers  
/ FILE REFERENCE: 119929-1035  
/ CURRENT APPLICATION NUMBER: US/10/184,085A  
/ PRIOR FILING DATE: 2002-10-01  
/ PRIOR APPLICATION NUMBER: US 60/301,370  
/ PRIOR FILING DATE: 2001-06-27  
/ NUMBER OF SEQ ID NOS: 1291  
/ SOFTWARE: FastSeq for Windows Version 4.0  
/ SEQ ID NO 200  
/ LENGTH: 21  
/ TYPE: DNA  
/ ORGANISM: Homo sapiens  
US-10-184-085A-200

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAGCGGAGAGGT 2454

DB 20 GGATGAGAGCGGAGAGGT 2

RESULT 416  
US-10-184-085A-271/c  
/ Sequence 271, Application US/10184085A  
/ Publication No. US20030152950A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Garner, Harold R.  
/ APPLICANT: Minna, John D.  
/ APPLICANT: Luebke, Kevin, J.  
/ APPLICANT: Balog, Robert P.  
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers  
/ FILE REFERENCE: 119929-1035  
/ CURRENT APPLICATION NUMBER: US/10/184,085A  
/ PRIOR FILING DATE: 2002-10-01  
/ PRIOR APPLICATION NUMBER: US 60/301,370  
/ PRIOR FILING DATE: 2001-06-27  
/ NUMBER OF SEQ ID NOS: 1291  
/ SOFTWARE: FastSeq for Windows Version 4.0  
/ SEQ ID NO 271  
/ LENGTH: 21  
/ TYPE: DNA  
/ ORGANISM: Homo sapiens  
US-10-184-085A-271

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAGCGGAGAGGT 2454

DB 21 GGATGAGAGCGGAGAGGT 3

RESULT 417  
US-10-184-085A-272/c  
/ Sequence 272, Application US/10184085A  
/ Publication No. US20030152950A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Garner, Harold R.  
/ APPLICANT: Minna, John D.  
/ APPLICANT: Luebke, Kevin, J.  
/ APPLICANT: Balog, Robert P.  
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers  
/ FILE REFERENCE: 119929-1035  
/ CURRENT APPLICATION NUMBER: US/10/184,085A  
/ PRIOR FILING DATE: 2002-10-01  
/ PRIOR APPLICATION NUMBER: US 60/301,370  
/ PRIOR FILING DATE: 2001-06-27  
/ NUMBER OF SEQ ID NOS: 1291  
/ SOFTWARE: FastSeq for Windows Version 4.0  
/ SEQ ID NO 272  
/ LENGTH: 21  
/ TYPE: DNA  
/ ORGANISM: Homo sapiens  
US-10-184-085A-272

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2436 GGATGAGAGCGGAGAGGT 2454

DB 20 GGATGAGAGCGGAGAGGT 2

RESULT 418  
US-10-235-079B-7  
/ Sequence 7, Application US/10235079B  
/ Publication No. US20030152959A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Mertz E., Janet  
/ APPLICANT: Johnston D., Stephen  
/ APPLICANT: Kraus J., Richard  
/ APPLICANT: Ariazi A., Eric  
/ TITLE OF INVENTION: Method of Using Estrogen-Related Receptor Alpha (ERR  
/ TITLE OF INVENTION: alpha) Status to Determine Prognosis, Treatment  
/ TITLE OF INVENTION: Strategy and Predispotion to Breast Cancer, and  
/ TITLE OF INVENTION: Method of Using ERR alpha as a Therapeutic Target  
/ FILE REFERENCE: 960296,99209  
/ CURRENT APPLICATION NUMBER: US/10/235,079B  
/ PRIOR FILING DATE: 2000-01-20  
/ PRIOR APPLICATION NUMBER: 09/488,730  
/ PRIOR FILING DATE: 2000-01-20  
/ PRIOR APPLICATION NUMBER: 09/031,250  
/ PRIOR FILING DATE: 1998-02-26  
/ PRIOR APPLICATION NUMBER: 60/033,808  
/ PRIOR FILING DATE: 1997-02-27  
/ NUMBER OF SEQ ID NOS: 83  
/ SOFTWARE: PatentIn Ver. 2.1  
/ SEQ ID NO 7  
/ LENGTH: 21  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide  
US-10-235-079B-7



Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2720 AAGTATGCGCCATTTCGA 2738  
DB 2 AAGTCTGCGCCATTTCCTA 20

RESULT 419  
US-10-096-578-45  
; Sequence 45, Application US/10096578  
; Publication No. US20030165874A1  
; GENERAL INFORMATION:

; APPLICANT: Leppert, Mark F.  
; APPLICANT: Singh, Nanda  
; APPLICANT: Charlier, Carole  
; TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL GENES WHICH ARE  
; TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NOCTURNAL CONVULSIONS (BENC)  
; TITLE OF INVENTION: AND OTHER EPILEPSIES  
; FILE REFERENCE: 2323-160  
; CURRENT APPLICATION NUMBER: US/10/096,578  
; CURRENT FILING DATE: 2002-03-14  
; PRIOR APPLICATION NUMBER: US 09/177,650  
; PRIOR FILING DATE: 1998-10-23  
; PRIOR APPLICATION NUMBER: US 60/063,147  
; PRIOR FILING DATE: 1997-10-24  
; NUMBER OF SEQ ID NOS: 129  
; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 45  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-096-578-45

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2831 TTGAGCGCAGCAGCACAG 2849  
DB 1 TTGACGCGCAGCAGCACAG 19

RESULT 420  
US-10-314-578-780  
; Sequence 780, Application US/10314578  
; Publication No. US20030212026A1  
; GENERAL INFORMATION:

; APPLICANT: Kriegl, Arthur M.  
; APPLICANT: Schetter, Christian  
; APPLICANT: Vollmer, Jorg  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
; FILE REFERENCE: C1039/7035 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/314,578  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/156,113  
; PRIOR FILING DATE: 1999-09-25  
; PRIOR APPLICATION NUMBER: US 60/156,135  
; PRIOR FILING DATE: 1999-09-27  
; PRIOR APPLICATION NUMBER: US 60/227,436  
; PRIOR FILING DATE: 2000-08-23  
; NUMBER OF SEQ ID NOS: 1145  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 780  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-780

Query Match 0.3%; Score 15.8; DB 1; Length 21;

Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCACTGCTGCTGCGACG 2659  
DB 1 CTGCTGCTGCTGCTGCTGCTG 19

RESULT 421  
US-10-388-263-920  
; Sequence 920, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:

; APPLICANT: Coswert, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freiler, Susan M.  
; APPLICANT: Sasmor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohsahl, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: ISIS-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 920  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligomeric Compound  
US-10-388-263-920

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2240 CTCTGCTGCTGAGGCGAT 2258  
DB 2 CTCTGCTGCTGAGGAGAT 20

RESULT 422  
US-10-173-208-6  
; Sequence 6, Application US/10173208  
; Publication No. US20030232435A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Doble  
; TITLE OF INVENTION: ANTISENSE MODULATION OF AMYLOID BETA PROTEIN PRECURSOR EXPRESSION  
; FILE REFERENCE: HTS-0023  
; CURRENT APPLICATION NUMBER: US/10/173,208  
; CURRENT FILING DATE: 2002-06-14  
; NUMBER OF SEQ ID NOS: 78  
; SEQ ID NO 6  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR Primer  
US-10-173-208-6

Query Match 0.3%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5170 CACAGGTCAGCCCAAAA 5188  
||||| ||| |||||||||

Db 1 CACAGATCAGCCCAAAA 19

RESULT 423

US-10-252-155-418/c

Sequence 418, Application US/10252155

Publication No. US20040068096A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT

TITLE OF INVENTION: MULTI-DRUG RESISTANT PROTEINS

FILE REFERENCE: D0152 NP

CURRENT APPLICATION NUMBER: US/10/252,155

CURRENT FILING DATE: 2002-09-20

PRIOR APPLICATION NUMBER: US 60/324,172

PRIOR FILING DATE: 2001-09-21

PRIOR APPLICATION NUMBER: US 60/333,700

PRIOR FILING DATE: 2001-11-27

NUMBER OF SEQ ID NOS: 783

SOFTWARE: PatentIn version 3.1

SEQ ID NO 418

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

US-10-252-155-418

Query Match

Best Local Similarity 0.3%; Score 15.8; DB 1; Length 21;

Best Local Similarity 89.5%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1174 GAATCAGAGAAAGAGAGA 1192

Db 20 GAAAGCAGAGAAAGAGGGA 2

RESULT 424

US-10-252-155-419/c

Sequence 419, Application US/10252155

Publication No. US20040068096A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT

TITLE OF INVENTION: MULTI-DRUG RESISTANT PROTEINS

FILE REFERENCE: D0152 NP

CURRENT APPLICATION NUMBER: US/10/252,155

CURRENT FILING DATE: 2002-09-20

PRIOR APPLICATION NUMBER: US 60/324,172

PRIOR FILING DATE: 2001-09-21

PRIOR APPLICATION NUMBER: US 60/333,700

PRIOR FILING DATE: 2001-11-27

NUMBER OF SEQ ID NOS: 783

SOFTWARE: PatentIn version 3.1

SEQ ID NO 419

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

US-10-252-155-419

Query Match

Best Local Similarity 0.3%; Score 15.8; DB 1; Length 21;

Best Local Similarity 89.5%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1174 GAATCAGAGAAAGAGAGA 1192

Db 20 GAAAGCAGAGAAAGAGGGA 2

RESULT 425

US-10-646-436-27

Sequence 27, Application US/10646436

Publication No. US20040096882A1

GENERAL INFORMATION:

APPLICANT: Jansen, Burthard

APPLICANT: Gleeve, Martin

APPLICANT: Sigmaevsky, Maxim

APPLICANT: Beraldi, Eliana

APPLICANT: Trougakos, Ioannis

APPLICANT: Gonos, Efethalis

TITLE OF INVENTION: RNAi Probes Targeting Cancer-Related Proteins

FILE REFERENCE: UBC-P-030

CURRENT APPLICATION NUMBER: US/10/646,436

CURRENT FILING DATE: 2003-08-21

PRIOR APPLICATION NUMBER: US 60/405,193

PRIOR FILING DATE: 2002-08-21

PRIOR APPLICATION NUMBER: US 60/408,152

PRIOR FILING DATE: 2002-09-03

PRIOR APPLICATION NUMBER: US 60/473,387

PRIOR FILING DATE: 2003-05-20

NUMBER OF SEQ ID NOS: 68

SOFTWARE: PatentIn version 3.12

SEQ ID NO 27

LENGTH: 21

TYPE: DNA

ORGANISM: artificial

FEATURE:

OTHER INFORMATION: RNAi for human IGFBP-5

US-10-646-436-27

Query Match

Best Local Similarity 0.3%; Score 15.8; DB 1; Length 21;

Best Local Similarity 78.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;

Matches 15; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1634 AGCTGCCCCAGTCCCAAGT 1652

Db 3 AGCTGACCCAGTCCCAAGT 21

RESULT 426

US-10-654-253-13

Sequence 13, Application US/10654253

Publication No. US20040142490A1

GENERAL INFORMATION:

APPLICANT: Ariazi, Eric A.

TITLE OF INVENTION: METHOD OF USING ESTROGEN-RELATED RECEPTOR GAMMA (ERRGAMMA) STATUS

TITLE OF INVENTION: TO DETERMINE PROGNOSIS AND TREATMENT STRATEGY FOR BREAST CANCER,

TITLE OF INVENTION: METHOD OF USING ERRGAMMA AS A THERAPEUTIC TARGET FOR TREATING

TITLE OF INVENTION: BREAST CANCER, METHOD OF USING ERRGAMMA TO DIAGNOSE BREAST

TITLE OF INVENTION: CANCER, AND METHOD OF USING ERRGAMMA TO IDENTIFY INDIVIDUALS

FILE REFERENCE: 960296.99101

CURRENT APPLICATION NUMBER: US/10/654,253

CURRENT FILING DATE: 2003-09-03

PRIOR APPLICATION NUMBER: 60/408,400

PRIOR FILING DATE: 2002-09-05

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn version 3.2

SEQ ID NO 13

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial

FEATURE:

OTHER INFORMATION: synthetic PCR primer

US-10-654-253-13

Query Match

Best Local Similarity 0.3%; Score 15.8; DB 1; Length 21;

Best Local Similarity 89.5%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2720 AAGTGATGCCCATTTGCA 2738

Db 2 AAGTCTGCCCCATTCTA 20

RESULT 427

US-10-786-720-1498/c

```
/ Sequence 1498, Application US/10786720
/ Publication No. US2004019181A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: O'Toole, Margot
/ APPLICANT: Liu, Wei
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/ FILE REFERENCE: 031896-023000 (AM101331L)
/ CURRENT FILING DATE: 2004-02-26
/ NUMBER OF SEQ ID NOS: 21135
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1498
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-786-720-1498

Query Match          0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1135 CATGGCCTCTGGATGAAA 1153
DB      21 CACTGGCCTCTGGAGGAAA 3

RESULT 428
US-10-786-720-1499/c
/ Sequence 1499, Application US/10786720
/ Publication No. US2004019181A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: O'Toole, Margot
/ APPLICANT: Liu, Wei
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/ FILE REFERENCE: 031896-023000 (AM101331L)
/ CURRENT FILING DATE: 2004-02-26
/ NUMBER OF SEQ ID NOS: 21135
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1499
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: RNAI-sense strand
US-10-786-720-1499

Query Match          0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1135 CATGGCCTCTGGATGAAA 1153
DB      19 CACTGGCCTCTGGAGGAAA 1

RESULT 429
US-10-786-720-1500
/ Sequence 1500, Application US/10786720
/ Publication No. US2004019181A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: O'Toole, Margot
/ APPLICANT: Liu, Wei
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/ FILE REFERENCE: 031896-023000 (AM101331L)
/ CURRENT FILING DATE: 2004-02-26
/ NUMBER OF SEQ ID NOS: 21135
/ SOFTWARE: PatentIn version 3.2
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/ SEQ ID NO 1500
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: RNAI-antisense strand
US-10-786-720-1500

Query Match          0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 73.7%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 14; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      1135 CATGGCCTCTGGATGAAA 1153
DB      1 CACUGGCTCTGGAGGAAA 19

RESULT 430
US-10-786-720-12049/c
/ Sequence 12049, Application US/10786720
/ Publication No. US2004019181A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: O'Toole, Margot
/ APPLICANT: Liu, Wei
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/ FILE REFERENCE: 031896-023000 (AM101331L)
/ CURRENT FILING DATE: 2004-02-26
/ NUMBER OF SEQ ID NOS: 21135
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 12049
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-786-720-12049

Query Match          0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2964 CCTAAGTGAACACTGCGTG 2982
DB      19 CCTCAGTGAACACTGCGTG 1

RESULT 431
US-10-809-757-3
/ Sequence 3, Application US/10809757
/ Publication No. US2004019182A1
/ GENERAL INFORMATION:
/ APPLICANT: Yates, Charles R.
/ APPLICANT: Miller, Duane
/ APPLICANT: Gourley, Dick
/ APPLICANT: Song, Pengfei
/ TITLE OF INVENTION: Real-time Polymerase Chain Reaction-
/ TITLE OF INVENTION: Based Genotyping Assay for Single
/ TITLE OF INVENTION: Nucleotide Polymorphism
/ FILE REFERENCE: D6502
/ CURRENT APPLICATION NUMBER: US/10/809,757
/ CURRENT FILING DATE: 2004-03-25
/ PRIOR APPLICATION NUMBER: US 60/457,512
/ PRIOR FILING DATE: 2003-03-25
/ NUMBER OF SEQ ID NOS: 16
/ SEQ ID NO 3
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ NAME/KEY: primer bind
/ OTHER INFORMATION: 3435R primer sequence for MDR1 genotyping
US-10-809-757-3

Query Match          0.3%; Score 15.8; DB 1; Length 21;
```

Best Local Similarity 89.5%; Pred. No. 6e+02; Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY      1720 TCTAGGCCAGAGCGGCTGC 1738
          | ||||| |||||
Db      3 TATAGGCCAGAGAGGCTGC 21

```

RESULT 432  
US-10-809-

```

Sequence 10, Application US/10809757
Publication No. US20040191822A1
GENERAL INFORMATION:
APPLICANT: Yates, Charles R.
APPLICANT: Miller, Diane
APPLICANT: Gourley, Dick
APPLICANT: Song, Pengfei
TITLE OF INVENTION: Real-Time Polymerase Chain Reaction-
TITLE OF INVENTION: Based Genotyping Assay for Single
FILE REFERENCE: D6502
CURRENT APPLICATION NUMBER: US/10/809,757
CURRENT FILING DATE: 2004-03-25
PRIOR APPLICATION NUMBER: US 60/457,512
PRIOR FILING DATE: 2003-03-25
NUMBER OF SEQ ID NOS: 16
SEQ ID NO 10
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY: primer bind
OTHER INFORMATION: artificial primer for sequencing the
US-10-809-757-10

```

Query Match	0.3%	Score 15.8;	DB 1;	Length 21;
Best Local Similarity	89.5%	Pred. No. 6e+02;		
Matches 17;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

QY 1720 TCTAGGCCAGAGCGGCTGC 1738  
| | | | | | | | | |  
Db 3 TATAGGCCAGAGAGGCTGC 21

RESULT 433  
US-10-158-

Sequence 24, Application US/10158160A  
Publication No. US20030059805A1  
GENERAL INFORMATION:  
APPLICANT: RAPPOLD-HOEERBRAND, GUDRUN  
APPLICANT: RAO, EROLE  
TITLE OF INVENTION: HUMAN GROWTH GENE AND SHORT STATURE GENE REGION  
FILE REFERENCE: 108351-00004  
CURRENT APPLICATION NUMBER: US/10/158,160A  
CURRENT FILING DATE: 2002-08-20  
PRIOR APPLICATION NUMBER: 09/147,699  
PRIOR FILING DATE: 1999-06-24  
PRIOR APPLICATION NUMBER: PCT/EP97/05355  
PRIOR FILING DATE: 1997-09-29  
PRIOR APPLICATION NUMBER: 60/027,633  
PRIOR FILING DATE: 1996-10-01  
PRIOR APPLICATION NUMBER: EP/97100583.0  
PRIOR FILING DATE: 1997-01-16  
NUMBER OF SEQ ID NOS: 55  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 24  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
OTHER INFORMATION: primer

US-10-158-160A-24

Query Match	0.3%	Score 15.8;	DB 1;	length 22;
Best Local Similarity	89.5%;	Pred. No. 6.1e+02;		
Matches 17; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0

QY 3988 GCTGAGCCTGAGAGCTGTGG 4006  
|||||  
Db 20 GCTGAGCCTGAGAGCTGTGG 2

RESULT 434  
US-10-091-

```

? Sequence 326, Application US/10091281
? Publication No. US20030190617A1
? GENERAL INFORMATION:
? APPLICANT: RAYMOND, VINCENT
? APPLICANT: SI, ERWIN
? APPLICANT: MORISSETTE, JEAN
? TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
? FILE REFERENCE: 13587,338
? CURRENT APPLICATION NUMBER: US/10,091,281
? CURRENT FILING DATE: 2002-03-06
? NUMBER OF SEQ ID NOS: 463
? SOFTWARE: PatentIn Ver. 2.1
? SEQ ID NO 326
? LENGTH: 22
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? OTHER INFORMATION: Putative NOLF/OLF.1 motif
US-10-091-281-326

```

Query Match	0.3%	Score 15.8;	DB 1;	length 22;
Best Local Similarity	89.5%	Pred. No. 6.1e+02;		
Matches 17; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0

```

Oy      3761 GGGGCCCA CGGGCTGT 3779
          ||| ||| ||| ||| |||
Db      4 GGGTCCCCCGGGCTGT 22

```

RESULT 435  
US-10-131-

```

: Sequence 7915, Application US/10/331827
: Publication No. US20040009479A1
: GENERAL INFORMATION:
: APPLICANT: Wohlgemuth, Jay
: APPLICANT: Fry, Kirk
: APPLICANT: Woodward, Robert
: APPLICANT: Ly, Ngoc
: TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
: TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
: FILE REFERENCE: 506612000120
: CURRENT APPLICATION NUMBER: US/10/131,827
: CURRENT FILING DATE: 2002-09-06
: PRIOR APPLICATION NUMBER: US 10/006,290
: PRIOR FILING DATE: 2001-10-22
: PRIOR APPLICATION NUMBER: US 60/296,764
: PRIOR FILING DATE: 2001-06-08
: NUMBER OF SEQ ID NOS: 9090
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 7915
: LENGTH: 50
: TYPE: DNA
: ORGANISM: Homo sapiens
US-10-131-827-7915

```

Query Match	0.3%	Score 15.8;	DB 1;	Length 50;
Best Local Similarity	60.5%	Pred. No. 7.8e+02;		
Matches	26;	Conservative	0;	Mismatches 17;
			Indels	0;
			Gaps	0

QY 4022 CTCACCTTGTGGCTCTCCAAGGGGCCATGTGGACACATCCCT 4064

Db 50 CTCACCCCTGTGACAGCCAGGCAAAAGTTCCATGTCCCT 8

## RESULT 436

US-09-263-959-610/c  
Sequence 610, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Rowen, Lee  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: US/09/263,959  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMaister, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 610:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-610

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.6e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1184 AAGAGAGAGAGAAATCAGA 1205

Db 22 AAGAGAGAGAGAGAGAGAGAGAG 1

RESULT 437  
US-09-776-479-61/c  
Sequence 61, Application US/09776479  
Patent No. US20030087848A1  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
APPLICANT: Fournon, Yves  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the Treatment of Asthma and Allergy  
FILE REFERENCE: C1037/7013 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/09/776,479  
CURRENT FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US 60/179,991  
PRIOR FILING DATE: 2000-02-03  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 61  
LENGTH: 22

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-61

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.6e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5404 AAAAAAATAATGAAATATAA 5425

Db 22 AAAAAAATAAATAAATAAATAA 1

RESULT 438  
US-09-776-479-61/c  
Sequence 61, Application US/09776479  
Patent No. US20040067902A9  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
APPLICANT: Fournon, Yves  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the Treatment of Asthma and Allergy  
FILE REFERENCE: C1037/7013 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/09/776,479  
CURRENT FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: US 60/179,991  
PRIOR FILING DATE: 2000-02-03  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 61  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-61

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.6e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5404 AAAAAAATAATGAAATATAA 5425

Db 22 AAAAAAATAAATAAATAAATAA 1

RESULT 439  
US-10-044-592-49  
Sequence 49, Application US/10044592  
Patent No. US20020143152A1  
GENERAL INFORMATION:  
APPLICANT: Hluma, Shoji  
APPLICANT: Fournon, Yves  
TITLE OF INVENTION: Polypeptides, their Production and Use  
FILE REFERENCE: 2463US2P  
CURRENT APPLICATION NUMBER: US/10/044,592  
CURRENT FILING DATE: 2002-01-10  
PRIOR APPLICATION NUMBER: US 09/403639  
PRIOR FILING DATE: 1999-25-10  
PRIOR APPLICATION NUMBER: PCT/JP98/01923  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: JP 9-109974  
PRIOR FILING DATE: 1997-04-28  
NUMBER OF SEQ ID NOS: 96  
SOFTWARE:  
SEQ ID NO 49  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:

```
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(22)
/ OTHER INFORMATION: synthetic primer
US-10-044-592-49
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3260 ACCTGCGCTCTGTGCTTAGTGC 3281
          ||||| ||||| ||||| |||||
DB       1 ACGTGCTTCTGTGCTTGTCTGC 22
```

```
RESULT 440
US-10-112-653-55/c
/ Sequence 55, Application US/10112653
/ Publication No. US20030050268A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Berg, Daniel J.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
/ TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
/ FILE REFERENCE: C01039/70060(AWS)
/ CURRENT FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 60/279,642
/ PRIOR FILING DATE: 2001-03-29
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 55
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-55
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5404 AAAAAAATAATGAAATATAA 5425
          ||||| ||||| ||||| |||||
DB       22 AAAAAAATAATGAAATATAA 1
```

```
RESULT 441
US-10-017-995-61/c
/ Sequence 61, Application US/10017995
/ Publication No. US2003005014A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
/ FILE REFERENCE: C1037/7025 (HCL/MAT)
/ CURRENT FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US 60/255,534
/ PRIOR FILING DATE: 2000-12-14
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 61
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-017-995-61
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5404 AAAAAAATAATGAAATATAA 5425
          ||||| ||||| ||||| |||||
DB       22 AAAAAAATAATGAAATATAA 1
```

```
RESULT 442
US-10-191-436-10/c
/ Sequence 10, Application US/10191436
/ Publication No. US20030129697A1
/ GENERAL INFORMATION:
/ APPLICANT: Tasuku Honjo
/ APPLICANT: Kei Tashiro
/ APPLICANT: Kazuhiko Kohske
/ TITLE OF INVENTION: A NOVEL POLYPEPTIDE ESDN, POLYNUCLEOTIDES ENCODING THE POLYPEPTIDE
/ FILE REFERENCE: ONF3204US
/ CURRENT APPLICATION NUMBER: US/10/191,436
/ CURRENT FILING DATE: 2002-07-10
/ NUMBER OF SEQ ID NOS: 24
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 10
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Mus musculus
US-10-191-436-10
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      570 GAAGAGAGAGAGAGCTGAAGAG 591
          ||||| ||||| ||||| |||||
DB       22 GAAGAGAGAGAGAGCTGAAGAG 1
```

```
RESULT 443
US-10-147-920-3
/ Sequence 3, Application US/10147920
/ Publication No. US20030149259A1
/ GENERAL INFORMATION:
/ APPLICANT: CALAHAN, Johnny Dale
/ APPLICANT: NELSON, William Max
/ APPLICANT: MANGOLD, Beverly L.
/ TITLE OF INVENTION: FOOT AND MOUTH DISEASE VIRUS DIAGNOSTIC AND METHODS
/ FILE REFERENCE: 38602-0005
/ CURRENT APPLICATION NUMBER: US/10/147,920
/ CURRENT FILING DATE: 2003-01-10
/ PRIOR APPLICATION NUMBER: US 60/291,636
/ PRIOR FILING DATE: 2001-05-18
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 3
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-10-147-920-3
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      382 CTGGATTATTAATAAATGCGTT 403
          ||||| ||||| ||||| |||||
DB       1 CTGGATTATTAATAAATGCGTT 22
```

```
RESULT 444
US-10-096-578-34/c
/ Sequence 34, Application US/10096578
/ Publication No. US20030165874A1
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Leppert, Mark F.
/ APPLICANT: Singh, Nanda
/ APPLICANT: Charlier, Carole
/ TITLE OF INVENTION: KCNO2 AND KCNO3 - POTASSIUM CHANNEL GENES WHICH ARE
/ TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BFNC)
/ FILE REFERENCE: 2323-160
/ CURRENT APPLICATION NUMBER: US/10/096,578
/ CURRENT FILING DATE: 2002-03-14
/ PRIOR APPLICATION NUMBER: US 09/177,650
/ PRIOR FILING DATE: 1998-10-23
/ PRIOR APPLICATION NUMBER: US 60/063,147
/ PRIOR FILING DATE: 1997-10-24
/ NUMBER OF SEQ ID NOS: 129
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 34
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-096-578-34

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3989 CTGAGCTGAGCTGTGGAAGC 4010
DB      22 CTGCCATGAGCTGTGGAAGC 1

RESULT 445
US-10-314-578-61/c
/ Sequence 61, Application US/10/14578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Kriegl, Arthur M.
/ APPLICANT: Schelter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: CI039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 61
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-61

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5404 AAAAGAAAAATGAAAAATGAA 5425
DB      22 AAAAACAAAAAACAAAAAAA 1

RESULT 446
US-10-213-796-13/c
/ Sequence 13, Application US/10/213796
/ Publication No. US20040029272A1
/ GENERAL INFORMATION:
/ APPLICANT: Sanjay Bhanoc
```

```
/ APPLICANT: Susan M. Preler
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PERILIPIN EXPRESSION
/ FILE REFERENCE: RTS-0355
/ CURRENT APPLICATION NUMBER: US/10/213,796
/ CURRENT FILING DATE: 2002-08-06
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 13
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR Primer
US-10-213-796-13

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4248 TCTGAGAGAGTCACTTCAC 4269
DB      22 TTCTGAGAGAGACCTTCAC 1

RESULT 447
US-10-714-508-1/c
/ Sequence 1, Application US/10/714508
/ Publication No. US20040142360A1
/ GENERAL INFORMATION:
/ APPLICANT: QU, KEVIN S.
/ APPLICANT: SPERRUZZA, ANTHONY
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING GENOTYPES
/ FILE REFERENCE: 034827-3002
/ CURRENT APPLICATION NUMBER: US/10/714,508
/ CURRENT FILING DATE: 2003-11-14
/ PRIOR APPLICATION NUMBER: 60/426,639
/ PRIOR FILING DATE: 2002-11-15
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: PatentIn Ver. 3.2
/ SEQ ID NO 1
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-714-508-1

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1194 AGAGAAATGAGGAAAGCAGG 1215
DB      22 AGAGAAATGAGGAAAGATGG 1

RESULT 448
US-10-781-055-9/c
/ Sequence 9, Application US/10/781055
/ Publication No. US20040171573A1
/ GENERAL INFORMATION:
/ APPLICANT: JOHNSTON, STEPHEN
/ APPLICANT: QU, BAO-XI
/ TITLE OF INVENTION: RATIONALLY DESIGNED AND CHEMICALLY SYNTHESIZED
/ TITLE OF INVENTION: PROMOTER FOR GENETIC VACCINE AND GENE THERAPY
/ FILE REFERENCE: UTSD:78805
/ CURRENT APPLICATION NUMBER: US/10/781,055
/ CURRENT FILING DATE: 2004-02-18
/ PRIOR APPLICATION NUMBER: 60/448,166
/ PRIOR FILING DATE: 2003-02-18
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 9
```

/ LENGTH: 22  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
/ US-10-781-055-9

Query Match 0.3%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 6.6e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 94 CCTCCACCCCACTCTTCTCA 115  
Db 22 CCGCCCCCCCCCTGTCTCA 1

RESULT 449  
US-09-263-959-488/c  
; Sequence 488, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mcmasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 488:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-488

/ APPLICANT: Rowen, Lee  
/ APPLICANT: Koop, Ben F.  
/ TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
/ NUMBER OF SEQUENCES: 1279  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSER: Seed and Berry LLP  
/ STREET: 6300 Columbia Center, 701 Fifth Avenue  
/ CITY: Seattle  
/ STATE: Washington  
/ COUNTRY: US  
/ ZIP: 98104-7092

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Mcmasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 576:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-576

Query Match 0.3%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 6.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAGA 1196  
Db 17 AGAGAGAGAGAGAGA 1

RESULT 451  
US-09-263-959-584/c  
; Sequence 584, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mcmasters, David D.  
; REGISTRATION NUMBER: 33,963



```
/ REFERENCE/DOCKET NUMBER: 920010.426C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 682-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 584:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-09-263-959-584

Query Match
Best local similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAG 1197
DB 17 GAGAGAGAGAGAGAG 1

RESULT 452
US-09-792-818-508/c
/ Sequence 508, Application US/09792818
/ Publication No. US20030134806A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Jarvis, Thale
/ APPLICANT: Von Carlowitz, Ira
/ APPLICANT: McSwigen, Jim
/ APPLICANT: Hamblin, Paul
/ APPLICANT: Ellis, Jonathan
/ TITLE OF INVENTION: Method and Reagent for the Inhibition of Grp-2-related with Inse
/ TITLE OF INVENTION: (GRID) Gene
/ FILE REFERENCE: MBH800-901-A (400/013)
/ CURRENT APPLICATION NUMBER: US/09/792,818
/ CURRENT FILING DATE: 2001-02-23
/ NUMBER OF SEQ ID NOS: 2304
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 508
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
/
US-09-792-818-508

Query Match
Best local similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4429 GAGGCTTGTTGTAACC 4445
DB 17 GAGGCTTGTTGTAACC 1

RESULT 453
US-10-138-674-6931
/ Sequence 6931, Application US/10138674
/ Publication No. US20040077565A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MBH800-876-N (400/049)
/ CURRENT APPLICATION NUMBER: US/10/138,674
/ CURRENT FILING DATE: 2002-05-03
/ NUMBER OF SEQ ID NOS: 20822
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6931
/ LENGTH: 17
```

```
/ TYPE: RNA
/ ORGANISM: Homo sapiens
/
US-10-138-674-6931

Query Match
Best local similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 199 CCACACCCATCTCCCG 215
DB 1 CCACACCCATCTCCCG 17

RESULT 454
US-10-287-949A-6931
/ Sequence 6931, Application US/10287949A
/ Publication No. US20040102389A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MBH800-876-N (400/049)
/ CURRENT APPLICATION NUMBER: US/10/287,949A
/ CURRENT FILING DATE: 2003-04-11
/ NUMBER OF SEQ ID NOS: 20822
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6931
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
/
US-10-287-949A-6931

Query Match
Best local similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 199 CCACACCCATCTCCCG 215
DB 1 CCACACCCATCTCCCG 17

RESULT 455
US-09-918-186A-38
/ Sequence 38, Application US/09918186A
/ Patent No. US20020137708A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Elizabeth J. Ackermann
/ APPLICANT: Eric B. Swayze
/ APPLICANT: Lex M. Cowart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
/ FILE REFERENCE: ISPH-0585
/ CURRENT APPLICATION NUMBER: US/09/918,186A
/ CURRENT FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 09/496,694
/ PRIOR FILING DATE: 2000-02-02
/ PRIOR APPLICATION NUMBER: 09/286,407
/ PRIOR FILING DATE: 1999-04-05
/ PRIOR APPLICATION NUMBER: 09/163,162
/ PRIOR FILING DATE: 1998-09-29
/ NUMBER OF SEQ ID NOS: 250
/ SEQ ID NO 38
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/
US-09-918-186A-38
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Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200  
|||||  
DB 1 AAAGAGAGAGAGAGAGA 17

## RESULT 456

US-09-918-186A-78  
; Sequence 78, Application US/09918186A  
; Patent No. US20020137708A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swayze  
; APPLICANT: Lex M. Cowbert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0585  
; CURRENT APPLICATION NUMBER: US/09/918,186A  
; CURRENT FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 09/496,694  
; PRIOR FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 250  
; SEQ ID NO 78  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-918-186A-78

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200  
|||||  
DB 1 AAAGAGAGAGAGAGAGA 17

## RESULT 457

US-09-918-186A-129  
; Sequence 129, Application US/09918186A  
; Patent No. US20020137708A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swayze  
; APPLICANT: Lex M. Cowbert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0585  
; CURRENT APPLICATION NUMBER: US/09/918,186A  
; CURRENT FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 09/496,694  
; PRIOR FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 250  
; SEQ ID NO 129  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-918-186A-129

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200  
|||||  
DB 2 AAAGAGAGAGAGAGAGA 18

## RESULT 458

US-09-904-744-5  
; Sequence 5, Application US/09904744  
; Patent No. US20020150905A1  
; GENERAL INFORMATION:  
; APPLICANT: Barbara-Guillem, Emilio  
; APPLICANT: Nelson, M. Bud  
; APPLICANT: Caetano, Stephanie  
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form  
; FILE REFERENCE: B-73  
; CURRENT APPLICATION NUMBER: US/09/904,744  
; CURRENT FILING DATE: 2001-07-13  
; PRIOR APPLICATION NUMBER: 09/437076  
; PRIOR FILING DATE: 1999-11-09  
; PRIOR APPLICATION NUMBER: 60/107828  
; PRIOR FILING DATE: 1998-11-10  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 5  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthesized  
US-09-904-744-5

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGAG 1197  
|||||  
DB 2 GAGAGAGAGAGAGAGAG 18

## RESULT 459

US-09-904-744-6/C  
; Sequence 6, Application US/09904744  
; Patent No. US20020150905A1  
; GENERAL INFORMATION:  
; APPLICANT: Nelson, M. Bud  
; APPLICANT: Caetano, Stephanie  
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form  
; FILE REFERENCE: B-73  
; CURRENT APPLICATION NUMBER: US/09/904,744  
; CURRENT FILING DATE: 2001-07-13  
; PRIOR APPLICATION NUMBER: 09/437076  
; PRIOR FILING DATE: 1999-11-09  
; PRIOR APPLICATION NUMBER: 60/107828  
; PRIOR FILING DATE: 1998-11-10  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 6  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthesized  
US-09-904-744-6

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AAGAGAGAGAGAGAGA 1196  
DB 18 AAGAGAGAGAGAGAGA 2

## RESULT 460

US-10-181-316-38  
; Sequence 38, Application US/10181316  
; Publication No. US20030211607A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swayze  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0650  
; CURRENT APPLICATION NUMBER: US/10/181,316  
; PRIOR FILING DATE: 2002-07-16  
; PRIOR APPLICATION NUMBER: PCT/US01/02939  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: 09/496,694  
; PRIOR FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 249  
; SEQ ID NO 38  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-181-316-38

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAGAGAGAGAGAGAGA 1200  
DB 1 AAGAGAGAGAGAGAGA 17

## RESULT 461

US-10-181-316-78  
; Sequence 78, Application US/10181316  
; Publication No. US20030211607A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swayze  
; APPLICANT: Lex M. Cowart  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0650  
; CURRENT APPLICATION NUMBER: US/10/181,316  
; PRIOR FILING DATE: 2002-07-16  
; PRIOR APPLICATION NUMBER: PCT/US01/02939  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: 09/496,694  
; PRIOR FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 249  
; SEQ ID NO 78  
; LENGTH: 18  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-181-316-78

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAGAGAGAGAGAGAGA 1200  
DB 1 AAGAGAGAGAGAGAGA 17

## RESULT 462

US-10-181-316-129  
; Sequence 129, Application US/10181316  
; Publication No. US20030211607A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swayze  
; APPLICANT: Lex M. Cowart  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0650  
; CURRENT APPLICATION NUMBER: US/10/181,316  
; PRIOR FILING DATE: 2002-07-16  
; PRIOR APPLICATION NUMBER: PCT/US01/02939  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: 09/496,694  
; PRIOR FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 249  
; SEQ ID NO 129  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-181-316-129

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAGAGAGAGAGAGAGA 1200  
DB 2 AAGAGAGAGAGAGAGA 18

## RESULT 463

US-10-335-059-5  
; Sequence 5, Application US/10335059  
; Publication No. US20030219725A1  
; GENERAL INFORMATION:  
; APPLICANT: Johnston-Dow, Leslie  
; APPLICANT: Demeter Lisa  
; APPLICANT: White Camille B.  
; APPLICANT: Song Kening  
; APPLICANT: Kohlenberger Robert  
; APPLICANT: Conrad Morgan  
; APPLICANT: Myers Angela  
; TITLE OF INVENTION: No. US20030219725A1 Methods for HIV Sequencing and Genotyping  
; FILE REFERENCE: 07414.0005-02000  
; CURRENT APPLICATION NUMBER: US/10/335,059  
; PRIOR FILING DATE: 2002-12-21  
; PRIOR APPLICATION NUMBER: 10/092,022  
; PRIOR FILING DATE: 2002-03-05  
; PRIOR APPLICATION NUMBER: 09/158,695  
; PRIOR FILING DATE: 1998-09-21

; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 5  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: HTV  
US-10-335-059-5

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 ACCCTACAGCCCA 1277  
DB 1 AGCCAAAGCCCA 17

RESULT 464  
US-10-349-143-7215

; Sequence 7215, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/10/349,143

; PRIOR FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 7215  
; LENGTH: 18

; TYPE: DNA  
; ORGANISM: Homo Sapiens

; FEATURE:  
; NAME/KEY: primer\_bind

; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-2956 for SEQ 3281,  
US-10-349-143-7215

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4871 CTCAGTTCTCTCTG 4887  
DB 1 CTCAGTTCTCTCTG 17

RESULT 465  
US-10-349-143-11501

; Sequence 11501, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/10/349,143

; PRIOR FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 11501  
; LENGTH: 18

; TYPE: DNA  
; ORGANISM: Homo Sapiens

; FEATURE:  
; NAME/KEY: primer\_bind

; LOCATION: 1..18  
; OTHER INFORMATION: downstream amplification primer 99-8226 for SEQ 3636, in compleme...

Query Match 0.3%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 6.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGAGAGGGGAG 2452  
DB 2 GGATGAGAGGGGAG 18

RESULT 466  
US-08-110-161A-9/c

; Sequence 9, Application US/08110161A  
; Publication No. US20020006912A1  
; GENERAL INFORMATION:

; APPLICANT: Nerenberg, Michael I.  
; APPLICANT: Kitajima, Isao

; TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-XB  
; TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES

; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:

; ADDRESS: Spensley Horn Jubas & Lubitz  
; STREET: 1880 Century Park East - Suite 500

; CITY: Los Angeles  
; STATE: California

; COUNTRY: USA  
; ZIP: 90067

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/110,161A

; FILING DATE: 20-AUG-1993  
; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:  
; NAME: Tumarkin Ph.D., Lisa A.

; REGISTRATION NUMBER: P-38,347  
; REFERENCE/DOCKET NUMBER: PD-2981

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 455-5100

; TELEFAX: (619) 455-5110  
; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs

; TYPE: nucleic acid  
; STRANDEDNESS: single

; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)

; FEATURE:  
; NAME/KEY: CDS

; LOCATION: 1..19  
; US-08-110-161A-9

Query Match 0.3%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4066 TTCGAATGCCCACTT 4082  
| | | | |  
DB 18 TTCGACATGCCCACTT 2

RESULT 467  
US-08-110-161A-10  
Sequence 10, Application US/08110161A  
Publication No. US20020006912A1  
GENERAL INFORMATION:  
APPLICANT: Nerenberg, Michael I.  
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB  
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East - Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/110,161A  
FILING DATE: 20-AUG-1993  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Tumarkin Ph.D., Lisa A.  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: PD-2981  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: DNA (genomic)  
FEATURES:  
NAME/KEY: CDS  
LOCATION: 1..19  
US-08-110-161A-10

Query Match 0.3%, Score 15.4, DB 1, Length 19,  
Best Local Similarity 94.1%, Pred. No. 6.6e+02,  
Matches 16, Conservative 0, Mismatches 1, Indels 0, Gaps 0,

QY 4066 TTCGAATGCCCACTT 4082  
| | | | |  
DB 2 TTCGACATGCCCACTT 18

RESULT 468  
US-10-117-586C-74/C  
Sequence 74, Application US/10117586C  
Publication No. US20030152938A1  
GENERAL INFORMATION:  
APPLICANT: NATIONAL CANCER CENTER  
TITLE OF INVENTION: RET OLIGONUCLEOTIDE MICROCHIP AND METHOD FOR DETECTING HEREDITARY  
TITLE OF INVENTION: CANCER  
FILE REFERENCE: PCA11254/P3G  
CURRENT APPLICATION NUMBER: US/10/117,586C  
CURRENT FILING DATE: 2002-04-05  
NUMBER OF SEQ ID NOS: 77  
SOFTWARE: KopatentIn 1.71  
SEQ ID NO 74

LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Exon-14F  
US-10-117-586C-74

Query Match 0.3%, Score 15.4, DB 1, Length 19,  
Best Local Similarity 94.1%, Pred. No. 6.6e+02,  
Matches 16, Conservative 0, Mismatches 1, Indels 0, Gaps 0,

QY 1771 TGGGCTTTCAGAGCC 1787  
| | | | |  
DB 18 TGGGCTTTCAGAGCC 2

RESULT 469  
US-10-225-023-503  
Sequence 503, Application US/10225023  
Publication No. US20030175950A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using  
TITLE OF INVENTION: Interfering RNA  
FILE REFERENCE: 400/054 (MBH01-665-B)  
CURRENT APPLICATION NUMBER: US/10/225,023  
CURRENT FILING DATE: 2003-01-06  
PRIOR APPLICATION NUMBER: US 60/398,036  
PRIOR FILING DATE: 2002-07-23  
PRIOR APPLICATION NUMBER: US 60/294,140  
PRIOR FILING DATE: 2002-05-29  
PRIOR APPLICATION NUMBER: US 10/157,580  
PRIOR FILING DATE: 2002-05-29  
NUMBER OF SEQ ID NOS: 1494  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 503  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense  
US-10-225-023-503

Query Match 0.3%, Score 15.4, DB 1, Length 19,  
Best Local Similarity 94.1%, Pred. No. 6.6e+02,  
Matches 16, Conservative 0, Mismatches 1, Indels 0, Gaps 0,

QY 1261 AGCCTACAGCCCA 1277  
| | | | |  
DB 2 AGCCTACAGCCCA 18

RESULT 470  
US-10-225-023-1241/C  
Sequence 1241, Application US/10225023  
Publication No. US20030175950A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using  
TITLE OF INVENTION: Interfering RNA  
FILE REFERENCE: 400/054 (MBH01-665-B)  
CURRENT APPLICATION NUMBER: US/10/225,023  
CURRENT FILING DATE: 2003-01-06  
PRIOR APPLICATION NUMBER: US 60/398,036  
PRIOR FILING DATE: 2002-07-23  
PRIOR APPLICATION NUMBER: US 60/294,140  
PRIOR FILING DATE: 2002-05-29  
PRIOR APPLICATION NUMBER: US 10/157,580  
PRIOR FILING DATE: 2002-05-29  
NUMBER OF SEQ ID NOS: 1494  
SOFTWARE: PatentIn version 3.0

SEQ ID NO 1241  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE: Artificial Sequence  
OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region  
US-10-225-023-1241

Query Match 0.3%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1261 AGCCTACAGCCCCACCA 1277  
Db 18 AGCCACAGCCCCACCA 2

RESULT 471  
US-10-367-438-331  
Sequence 331, Application US/10367438  
Publication No. US20030180773A1  
GENERAL INFORMATION:

APPLICANT: COHEN, Daniel  
BLUMENFELD, Marla  
TCHOUMAKOV, Iliia  
TITLE OF INVENTION: Biallelic markers for use in  
constructing a high density disequilibrium map of  
the human genome.

NUMBER OF SEQUENCES: 336

CORRESPONDENCE ADDRESS:  
ADDRESSER: Knobbe, Martens, Olson & Bear

STREET: 550 West C Street

CITY: San Diego

STATE: California

COUNTRY: USA

ZIP: 92101

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: Win95

SOFTWARE: Word

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/367,438

FILING DATE: 14-Feb-2003

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/463,075A

FILING DATE: 14-Jan-2000

INFORMATION FOR SEQ ID NO: 331:

SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: SINGLE

TOPOLOGY: LINEAR

MOLECULE TYPE: DNA

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

FEATURE:  
NAME/KEY: microsequencing oligo 99-344.mis2  
LOCATION: 1..19  
SEQUENCE DESCRIPTION: SEQ ID NO: 331:

Query Match 0.3%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 910 CAGGGCTCAGAGAGAG 926  
Db 1 CAGGGCTCAGAGAGAG 17

RESULT 472  
US-10-328-861-9/c

Sequence 9, Application US/10328861  
Publication No. US20030216336A1  
GENERAL INFORMATION:

APPLICANT: Nerenberg, Michael I.  
Kitsajima, Isao

TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-kB  
DEPENDENT PROCESSES USING OLIGONUCLEOTIDES

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSER: Spensley Horn Jubas & Lubitz

STREET: 1880 Century Park East - Suite 500

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90067

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/328,861

FILING DATE: 24-Dec-2002

CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/110,161A

FILING DATE: 20-AUG-1993

ATTORNEY/AGENT INFORMATION:  
NAME: Tumarkin Ph.D., Lisa A.

REGISTRATION NUMBER: P-38,347

REFERENCE/DOCKET NUMBER: PD-2961

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100

TELEFAX: (619) 455-5110

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:  
NAME/KEY: CDS

LOCATION: 1..19

SEQUENCE DESCRIPTION: SEQ ID NO: 9:

US-10-328-861-9

Query Match 0.3%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 6.6e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4066 TTCGAATGCCCACTT 4082  
Db 18 TTCGAATGCCCACTT 2

RESULT 473  
US-10-328-861-10  
Sequence 10, Application US/10328861  
Publication No. US20030216336A1  
GENERAL INFORMATION:

APPLICANT: Nerenberg, Michael I.  
Kitsajima, Isao

TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-kB  
DEPENDENT PROCESSES USING OLIGONUCLEOTIDES

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSER: Spensley Horn Jubas & Lubitz

STREET: 1880 Century Park East - Suite 500

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90067

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/328,861
FILING DATE: 24-Dec-2002
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/110,161A
FILING DATE: 20-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-2981
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..19
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-328-861-10

Query Match      0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4066 TTCCAATGCCCCACTT 4082
DB      2 TTCCACATGCCCACTT 18

RESULT 474
US-09-944-411-42/C
Sequence 42, Application US/09944411
Patent No. US20020106799A1
GENERAL INFORMATION:
APPLICANT: FINER, MITCHELL H.
DULL, THOMAS J.
ZSERO, KRISZTINA M.
COOKE, KERGAN
PARSON, DEBORAH A.
TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
OF MAMMALIAN CELLS
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: CELL GENESIS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/944,411
FILING DATE: 04-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/914,893
```

```

FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-JUN-1994
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELL 13.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 42:
US-09-944-411-42

Query Match      0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4821 CACGAGCCTTGACCT 4837
DB      19 CACGAGCCCATGACCT 3

RESULT 475
US-09-931-375A-20
Sequence 20, Application US/09931375A
Publication No. US20030027151A1
GENERAL INFORMATION:
APPLICANT: MARMAN, Matthew L.
APPLICANT: GONG, Yaodun R.
APPLICANT: OLSEN, Bjorn R.
APPLICANT: RAMADI, Georges
TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF
TITLE OF INVENTION: OSTEOPOROSIS
FILE REFERENCE: 38464-0004
CURRENT APPLICATION NUMBER: US/09/931,375A
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: US 60/304,851
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/234,337
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: US 60/226,119
PRIOR FILING DATE: 2000-08-18
NUMBER OF SEQ ID NOS: 89
SOFTWARE: Patentin version 3.0
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-931-375A-20

Query Match      0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3422 TGAGCAGGAAGTGAAG 3438
DB      4 TGAGCAGGAAGTGAAG 20

RESULT 476
US-09-563-728A-7
```

```
/ Sequence 7, Application US/09563728A
/ Publication No. US20030078216A1
/ GENERAL INFORMATION:
/ APPLICANT: Macleod, Alan R
/ APPLICANT: Li, Zoumei
/ APPLICANT: Besterman, Jeffrey M
/ TITLE OF INVENTION: Inhibition of Histone Deacetylase
/ FILE REFERENCE: 106101.229
/ CURRENT APPLICATION NUMBER: US/09/563,728A
/ PRIOR FILING DATE: 2000-05-03
/ PRIOR FILING DATE: 1999-05-03
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: Patent In Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: synthetic
/ US-09-563-728A-7
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2640 CCTGCAGCTGCTGCTGC 2656

DB 4 CCTGCCTGCTGCTGCTGC 20

```
RESULT 477
US-09-563-728A-16
/ Sequence 16, Application US/09563728A
/ Publication No. US20030078216A1
/ GENERAL INFORMATION:
/ APPLICANT: Macleod, Alan R
/ APPLICANT: Li, Zoumei
/ APPLICANT: Besterman, Jeffrey M
/ TITLE OF INVENTION: Inhibition of Histone Deacetylase
/ FILE REFERENCE: 106101.229
/ CURRENT APPLICATION NUMBER: US/09/563,728A
/ PRIOR FILING DATE: 2000-05-03
/ PRIOR APPLICATION NUMBER: 60/132,287
/ PRIOR FILING DATE: 1999-05-03
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: Patent In Ver. 2.1
/ SEQ ID NO 16
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ NAME/KEY: modified base
/ LOCATION: 1-4 and 17-20 are modified
/ OTHER INFORMATION: Positions 1-4 and 17-20 are 2'-methoxyribose
/ OTHER INFORMATION: substituted nucleotides; positions 5-16 are
/ OTHER INFORMATION: deoxyribonucleotides
/ US-09-563-728A-16
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.7e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
```

QY 2640 CCTGCAGCTGCTGCTGC 2656

DB 4 CCTGCCTGCTGCTGCTGC 20

```
RESULT 478
US-09-956-712-81/c
/ Sequence 81, Application US/09956712
/ Publication No. US20030092648A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
/ FILE REFERENCE: RTS-0326
/ CURRENT APPLICATION NUMBER: US/09/956,712
/ CURRENT FILING DATE: 2001-09-19
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 81
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-09-956-712-81
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 4303 AAGAACTGAGACTCTG 4319

DB 17 AAGAACTGAGACTCTTG 1

```
RESULT 479
US-09-864-636A-2582/c
/ Sequence 2582, Application US/09864636A
/ Publication No. US20030104378A1
/ GENERAL INFORMATION:
/ APPLICANT: Third Wave Technologies
/ APPLICANT: Allwail, Halim
/ APPLICANT: Bartholomay, Christian
/ APPLICANT: Chehak, LuAnne
/ TITLE OF INVENTION: Detection of RNA Sequences
/ FILE REFERENCE: FORS-04944
/ CURRENT APPLICATION NUMBER: US/09/864,636A
/ CURRENT FILING DATE: 2002-10-15
/ NUMBER OF SEQ ID NOS: 2640
/ SOFTWARE: Patent In version 3.0
/ SEQ ID NO 2582
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
/ US-09-864-636A-2582
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 3257 AGGACTGCGCTGCTG 3273

DB 19 AGGACTGCGCACTGTG 3

```
RESULT 480
US-09-864-426A-2582/c
/ Sequence 2582, Application US/09864426A
/ Publication No. US20040018489A1
/ GENERAL INFORMATION:
/ APPLICANT: Third Wave Technologies
/ APPLICANT: Ma, Wu Po
/ APPLICANT: Lyamichev, Victor
/ APPLICANT: Salsar, Michael
/ TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
/ FILE REFERENCE: FORS-04946
/ CURRENT APPLICATION NUMBER: US/09/864,426A
/ CURRENT FILING DATE: 2001-05-24
/ NUMBER OF SEQ ID NOS: 2640
/ SOFTWARE: Patent In version 3.0
/ SEQ ID NO 2582
```



```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-864-426A-2582

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3257 AGGACCTGGCCTCTGTG 3273
DB 19 AGGACCTGGCCTGTG 3

RESULT 481
US-10-181-177-168/c
; Sequence 168, Application US/10181177
; Publication No. US20030083296A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RSP-0334
; CURRENT APPLICATION NUMBER: US/10/181,177
; PRIOR FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: PCT/US01/00955
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/487,445
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-177-168

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3175 CTTGCCAGAGACTGAG 3191
DB 19 CTTGCCAGAGCCTGAG 3

RESULT 482
US-10-145-493B-52
; Sequence 52, Application US/10145493B
; Publication No. US20030096777A1
; GENERAL INFORMATION:
; APPLICANT: Besterman, Jeffrey
; APPLICANT: Macleod, Robert
; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MET-015DV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
```

```
US-10-145-493B-52

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2640 CCTGCAGCTGCTGCTGC 2656
DB 4 CCTGCAGCTGCTGCTGC 20

RESULT 483
US-10-279-186-74/c
; Sequence 74, Application US/10279186
; Publication No. US20030114407A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR
; FILE REFERENCE: RSP-0346
; CURRENT APPLICATION NUMBER: US/10/279,186
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: US/10/003,126
; PRIOR FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-279-186-74

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2324 TCTCCACCTCTTTGAG 2340
DB 19 TCTCCACCTCTTTGAG 3

RESULT 484
US-10-084-839-2582/c
; Sequence 2582, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chenak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Bis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Li, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamatchev, Victor
; APPLICANT: Lyamatcheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Next, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
```

FILE REFERENCE: FORS-06666  
CURRENT APPLICATION NUMBER: US/10/084,839  
CURRENT FILING DATE: 2002-02-26  
NUMBER OF SEQ ID NOS: 4004  
SOFTWARE: Patent version 3.1  
SEQ ID NO 2582  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-084-839-2582

Query Match  
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3257 AGACCTGGCTCTGTG 3273  
DB 19 AGACCTGGCTCTGTG 3

RESULT 485  
US-10-260-516-42/c  
Sequence 42, Application US/10260516  
Publication No. US2003019093A1  
GENERAL INFORMATION:  
APPLICANT: PINER, MITCHELL H.  
DILL, THOMAS J.  
ZSEBO, KRISTINA M.  
COOKE, KEEGAN  
PARSON, DEBORAH A.  
TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER  
VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION  
OF MAMMALIAN CELLS  
NUMBER OF SEQUENCES: 48  
CORRESPONDENCE ADDRESS:  
ADDRESSER: CELL GENESYS, INC.  
STREET: 322 LAKESIDE DRIVE  
CITY: FOSTER CITY  
STATE: CALIFORNIA  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/260,516  
FILING DATE: 01-Oct-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/914,893  
FILING DATE: <Unknown>  
APPLICATION NUMBER: 08/517,488  
FILING DATE: 21-AUG-1995  
APPLICATION NUMBER: US 08/258,152  
FILING DATE: 10-JUN-1994  
APPLICATION NUMBER: US 08/076,299  
FILING DATE: 11-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: KRUPEN, KAREN I.  
REGISTRATION NUMBER: 34,647  
REFERENCE/DOCKET NUMBER: CELL 13.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-358-9600 X131  
TELEFAX: 415-349-7392  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 42:  
US-10-260-516-42

Query Match  
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4821 CACGACCCCTGACCCCT 4837  
DB 19 CACGACCCCTGACCCCT 3

RESULT 486  
US-10-289-762-2624  
Sequence 2624, Application US/10289762  
Publication No. US20040006218A1  
GENERAL INFORMATION:  
APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/10/289,762  
CURRENT FILING DATE: 2003-03-27  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 2624  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-10-289-762-2624

Query Match  
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 604 CTCGCCAATTAAGCGCA 620  
DB 3 CTCGCCAATTAAGCGCA 19

RESULT 487  
US-10-210-429-38  
Sequence 38, Application US/10210429  
Publication No. US20040023379A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Kenneth W. Doble  
TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION  
FILE REFERENCE: PFS-0048  
CURRENT APPLICATION NUMBER: US/10/210,429  
CURRENT FILING DATE: 2002-07-31  
NUMBER OF SEQ ID NOS: 148  
SEQ ID NO 38  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-210-429-38

Query Match  
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1103 TAGCACCCAGAGAGCAG 1119  
DB 4 TAGCACCCAGAGAGCAG 20

RESULT 488  
US-10-210-429-109/c

```
/ Sequence 109, Application US/10210429
/ Publication No. US20040023379A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
/ FILE REFERENCE: PUS-0048
/ CURRENT APPLICATION NUMBER: US/10/210,429
/ CURRENT FILING DATE: 2002-07-31
/ NUMBER OF SEQ ID NOS: 148
/ SEQ ID NO 109
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
US-10-210-429-109

Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6,7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1103 TAGCACCAGAGACG 1119
DB      17 TAGCACCAGAGACG 1

RESULT 489
US-10-462-261-24
/ Sequence 24, Application US/10462261
/ Publication No. US20040029248A1
/ GENERAL INFORMATION:
/ APPLICANT: Garrett M. Brodeur
/ APPLICANT: Peter S. White
/ TITLE OF INVENTION: CHD5 ENCODING NUCLEIC ACIDS,
/ FILE OF INVENTION: POLYPEPTIDES, ANTIBODIES AND METHODS OF USE THEREOF
/ FILE REFERENCE: CHOP0162
/ CURRENT APPLICATION NUMBER: US/10/462,261
/ CURRENT FILING DATE: 2003-06-16
/ PRIOR APPLICATION NUMBER: 60/388,848
/ PRIOR FILING DATE: 2002-06-14
/ NUMBER OF SEQ ID NOS: 69
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 24
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-10-462-261-24

Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6,7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3313 CAGACACCTGGATGA 3329
DB      4 CAGACACCTGGATGA 20

RESULT 490
US-10-633-913-81/C
/ Sequence 81, Application US/10633913
/ Publication No. US20040029277A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Pfeiler
/ TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
/ FILE REFERENCE: RTS-0336
/ CURRENT APPLICATION NUMBER: US/10/633,913
/ CURRENT FILING DATE: 2003-08-04
/ PRIOR APPLICATION NUMBER: US/09/956,712
/ PRIOR FILING DATE: 2001-09-19
/ NUMBER OF SEQ ID NOS: 91
```

```
/ SEQ ID NO 81
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-913-81

Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6,7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4303 AAGAACTGAGCTCTG 4319
DB      17 AAGAACTGAGCTTGT 1

RESULT 491
US-10-623-272-9
/ Sequence 9, Application US/10623272
/ Publication No. US20040053313A1
/ GENERAL INFORMATION:
/ APPLICANT: Gozes, Iliana
/ APPLICANT: Brennenman, Douglas E.
/ APPLICANT: Bassan, Merav
/ APPLICANT: Zamostiano, Rachel
/ APPLICANT: The Government of the United States of America
/ APPLICANT: as represented by the Secretary of the
/ TITLE OF INVENTION: Department of Health and Human Services
/ FILE REFERENCE: 015280-291200US
/ CURRENT APPLICATION NUMBER: US/10/623,272
/ CURRENT FILING DATE: 2003-07-17
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/187,330
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-06
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/037,404
/ PRIOR FILING DATE: EARLIER FILING DATE: 1997-02-07
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: WO PCT/US98/02485
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-06
/ NUMBER OF SEQ ID NOS: 63
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 9
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: sense primer
US-10-623-272-9

Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6,7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3305 ACCTGAGAGAGAAC 3321
DB      1 ACCTGAGAGAGAAC 17

RESULT 492
US-10-307-817-382
/ Sequence 382, Application US/10307817
/ Publication No. US20040058338A1
/ GENERAL INFORMATION:
/ APPLICANT: Agee et al.
/ TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-502C
/ CURRENT APPLICATION NUMBER: US/10/307,817
/ CURRENT FILING DATE: 2002-12-02
/ NUMBER OF SEQ ID NOS: 682
/ SOFTWARE: CuraSeqList version 0.1
/ SEQ ID NO 382
/ LENGTH: 20
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-817-382
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4596 ACTGCATGACAGAGTGC 4612
Db       1 ACTGCATGACAGAGTGC 17
```

```

RESULT 493
US-10-418-251-7/c
; Sequence 7, Application US/10418251
; Publication No. US20040073957A1
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAKURA, KAZUMORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/10/418,251
; PRIOR FILING DATE: 2003-04-18
; PRIOR APPLICATION NUMBER: US/09/033,936
; PRIOR FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-418-251-7
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      865 GCAGTCTAATGCTCCCTG 881
Db       20 GCAGTCTAATGCTCCCTG 4
```

```

RESULT 494
US-09-977-418-53/c
; Sequence 53, Application US/09977418
; Publication No. US20030027158A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets et al
; TITLE OF INVENTION: No. US20030027158A1 polynucleotides and polypeptides encoded th
; FILE REFERENCE: 15966-552
; CURRENT APPLICATION NUMBER: US/09/977,418
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/584,411
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: USSN 60/189,810
; PRIOR FILING DATE: 2000-03-16
; PRIOR APPLICATION NUMBER: USSN 60/191,158
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: USSN 60/193,086
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: USSN 60/201,388
; PRIOR FILING DATE: 2000-05-03
; NUMBER OF SEQ ID NOS: 93
```

```

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chemically
US-09-977-418-53
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1925 CTTCTTTGACAGACGCA 1941
Db       20 CTTCTTTGACAGACGCA 4
```

```

RESULT 495
US-09-977-033A-53/c
; Sequence 53, Application US/09977033A
; Publication No. US20030082554A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A
; APPLICANT: Fernandes, Elma
; APPLICANT: Herman, John
; APPLICANT: Vernet, Corine
; TITLE OF INVENTION: No. US20030082554A1 nucleic acid sequences encoding human KIAA0
; TITLE OF INVENTION: protein-like and human protein PRO28-1-like
; FILE REFERENCE: 15966-552 CON-524
; CURRENT APPLICATION NUMBER: US/09/977,033A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/137,322
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 60/189,810
; PRIOR FILING DATE: 2000-03-16
; PRIOR APPLICATION NUMBER: 60/191,158
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/193,086
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: 60/201,388
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/584,411
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR
US-09-977-033A-53
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1925 CTTCTTTGACAGACGCA 1941
Db       20 CTTCTTTGACAGACGCA 4
```

```

RESULT 496
US-09-977-751C-53/c
; Sequence 53, Application US/0997751C
; Publication No. US20030134430A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A
; APPLICANT: Fernandes, Elma
```

```

; APPLICANT: Herrman, John
; APPLICANT: Vernet, Corine
; TITLE OF INVENTION: No. US20030134430A1el Amino Acid Sequences for Human Caenorhabditis
; TITLE OF INVENTION: Polypeptides.
; FILE REFERENCE: 15966-552 CON S-40
; CURRENT APPLICATION NUMBER: US/09/977,751C
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/137,322
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 60/189,810
; PRIOR FILING DATE: 2000-03-16
; PRIOR APPLICATION NUMBER: 60/191,158
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/193,086
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: 60/201,388
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/584,411
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR
; US-09-977-751C-53

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1925 CTTCTTGGAGCAGCA 1941
DB 20 CTTCTTGGAGCAGTCA 4

RESULT 497
US-09-977-639A-53/c
; Sequence 53, Application US/09977639A
; Publication No. US20030199103A1
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard A
; APPLICANT: Fernandes, Elma
; APPLICANT: Herrman, John
; APPLICANT: Vernet, Corine
; TITLE OF INVENTION: No. US20030199103A1el amino acid sequences for human epidermal gr
; TITLE OF INVENTION: polypeptides.
; FILE REFERENCE: 15966-552 CON-S34
; CURRENT APPLICATION NUMBER: US/09/977,639A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/137,322
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 60/189,810
; PRIOR FILING DATE: 2000-03-16
; PRIOR APPLICATION NUMBER: 60/191,158
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/193,086
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: 60/201,388
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/584,411
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR
; US-09-977-639A-53
```

```

; OTHER INFORMATION: Primer/Probe Sequence
; US-09-977-639A-53

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1925 CTTCTTGGAGCAGCA 1941
DB 20 CTTCTTGGAGCAGTCA 4

RESULT 498
US-09-977-819B-53/c
; Sequence 53, Application US/09977819B
; Publication No. US20040002134A1
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard A
; APPLICANT: Fernandes, Elma
; APPLICANT: Herrman, John
; APPLICANT: Vernet, Corine
; TITLE OF INVENTION: No. US20040002134A1el nucleic acid sequences encoding human KIAA0
; TITLE OF INVENTION: protein-like and human protein PRO228-like
; FILE REFERENCE: 15966-552 CON-S26
; CURRENT APPLICATION NUMBER: US/09/977,819B
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/137,322
; PRIOR FILING DATE: 1999-06-03
; PRIOR APPLICATION NUMBER: 60/189,810
; PRIOR FILING DATE: 2000-03-16
; PRIOR APPLICATION NUMBER: 60/191,158
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/193,086
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: 60/201,388
; PRIOR FILING DATE: 2000-05-03
; PRIOR APPLICATION NUMBER: 09/584,411
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR
; US-09-977-819B-53

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1925 CTTCTTGGAGCAGCA 1941
DB 20 CTTCTTGGAGCAGTCA 4

RESULT 499
US-10-076-900-34/c
; Sequence 34, Application US/10076900
; Publication No. US20020142987A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, David B.
; APPLICANT: Wang, Bin
; APPLICANT: Ugen, Kenneth E.
; TITLE OF INVENTION: Methods of Inducing Mucosal Immunity
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. US20020142987A1ris
; STREET: One Liberty Place 46th Floor
; CITY: Philadelphia
```

```
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/076,900
FILING DATE: 14-Feb-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/357,398
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPAD-0114
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3429
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-076-900-34
```

```
Query Match      0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1261 AGCTTACAGCCGCCACCA 1277
DB      18 AGCCAAAGCCCCCACCACCA 2
```

```
RESULT 500
US-10-247-893-6/c
Sequence 6, Application US/10247893
Publication No. US20030092046A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Quantidium Functionalized Oligomers And Methods
FILE REFERENCE: Isile-4406
CURRENT APPLICATION NUMBER: US/10/247,893
CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US/09/612,531
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-10-247-893-6
```

```
Query Match      0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1186 AGAGAGAGAGAAATTC 1202
```

```
DB      18 AGAGAGAGAGAAATTC 2
```

```
RESULT 501
US-10-184-085A-233/c
Sequence 233, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luedke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 233
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-233
```

```
Query Match      0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2438 ATGAGAGGGGAGAGGCT 2454
DB      21 ATGAGAGGGGAGAGGCT 5
```

```
RESULT 502
US-10-184-085A-826/c
Sequence 826, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luedke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 826
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-826
```

```
Query Match      0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2437 GATGAGAGGGGAGAGG 2453
DB      21 GATGAGAGGGGAGAGG 5
```

```
RESULT 503
US-10-184-085A-939/c
Sequence 939, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
```

```
/ APPLICANT: Garner, Harold R.
/ APPLICANT: Mina, John D.
/ APPLICANT: Luebke, Kevin, J.
/ APPLICANT: Balog, Robert P.
/ TITLE OF INVENTION: Identification of Chemically Modified Polymers
/ FILE REFERENCE: 119929-1035
/ CURRENT APPLICATION NUMBER: US/10/184,085A
/ CURRENT FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: US 60/301,370
/ PRIOR FILING DATE: 2001-06-27
/ NUMBER OF SEQ ID NOS: 1291
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 939
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-184-085A-939

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2436 GGATGAGAGGGGAGAG 2452
DB      17  GGATGAGAGGGGAGAG 1

RESULT 504
US-10-133-937-99/c
/ Sequence 99, Application US/10/133,937
/ Publication No. US20030207278A1
/ GENERAL INFORMATION:
/ APPLICANT: Khan, Javed
/ APPLICANT: Ringner, Markus
/ APPLICANT: Peterson, Carsten
/ APPLICANT: Meltzer, Paul
/ TITLE OF INVENTION: METHODS FOR ANALYZING HIGH DIMENSIONAL DATA FOR CLASSIFYING,
/ TITLE OF INVENTION: DIAGNOSING, PROGNOSTICATING, AND/OR PREDICTING DISEASES AND
/ TITLE OF INVENTION: OTHER BIOLOGICAL STATES
/ FILE REFERENCE: 11613.56US01
/ CURRENT APPLICATION NUMBER: US/10/133,937
/ CURRENT FILING DATE: 2002-11-04
/ NUMBER OF SEQ ID NOS: 99
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 99
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-10-133-937-99

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      5392 TAAAAAATACAAAAAGAA 5412
DB      21  BAAAAAATACAAAAAGAA 1

RESULT 505
US-10-178-258-6
/ Sequence 6, Application US/10/178,258
/ Publication No. US20030235913A1
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
/ FILE REFERENCE: HTS-0010
/ CURRENT APPLICATION NUMBER: US/10/178,258
/ CURRENT FILING DATE: 2002-06-20
/ NUMBER OF SEQ ID NOS: 66
/ SEQ ID NO 6
```

```
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR Primer
US-10-178-258-6

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      928 GTTTGAGACAGCTGCC 944
DB      1  GGTTTGAGACAGCTGCC 17

RESULT 506
US-10-349-143-11559/c
/ Sequence 11559, Application US/10/349,143
/ Publication No. US20040005584A1
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumentfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Blatlelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/10/349,143
/ CURRENT FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 11559
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-978 for SEQ 3694, in compleme
US-10-349-143-11559

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2129 GGAAGAAAACTCACA 2145
DB      20  GGAAGAAAACTCAGA 4

RESULT 507
US-10-159-563-99/c
/ Sequence 99, Application US/10/159,563
/ Publication No. US20040009154A1
/ GENERAL INFORMATION:
/ APPLICANT: Khan, Javed
/ APPLICANT: Ringner, Markus
/ APPLICANT: Peterson, Carsten
/ APPLICANT: Meltzer, Paul
/ TITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR
/ TITLE OF INVENTION: DIAGNOSIS AND FOR TARGETING THE THERAPY OF SELECT CANCERS
/ FILE REFERENCE: 11613.56US11
/ CURRENT APPLICATION NUMBER: US/10/159,563
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 10/133,937
/ PRIOR FILING DATE: 2002-04-25
/ NUMBER OF SEQ ID NOS: 444
```

```
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 99
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-10-159-563-99

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 6.9e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      5392 TAAAAAATACAAAAAGAAA 5412
       :|||||:|||||:|||||:
Db      21 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 508
US-10-646-436-28/c
/ Sequence 28, Application US/10646436
/ Publication No. US20040096882A1
/ GENERAL INFORMATION:
/ APPLICANT: Jansen, Burhard
/ APPLICANT: Gleave, Martin
/ APPLICANT: Signaevsky, Maxim
/ APPLICANT: Beraldi, Bliana
/ APPLICANT: Trougakos, Ioannis
/ APPLICANT: Gonos, Efsthios
/ TITLE OF INVENTION: RNAi Probes Targeting Cancer-Related Proteins
/ FILE REFERENCE: UBC.P-030
/ CURRENT APPLICATION NUMBER: US/10/646,436
/ CURRENT FILING DATE: 2003-08-21
/ PRIOR APPLICATION NUMBER: US 60/405,193
/ PRIOR FILING DATE: 2002-08-21
/ PRIOR APPLICATION NUMBER: US 60/408,152
/ PRIOR FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: US 60/473,387
/ PRIOR FILING DATE: 2003-05-20
/ NUMBER OF SEQ ID NOS: 68
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 28
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: RNAi for human IGF1R-5
US-10-646-436-28

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1634 AGCTGCCCACTCCAG 1650
       :|||||:|||||:|||||:
Db      17 AGCTGACCCAGTCCAG 1

RESULT 509
US-10-314-321A-56/c
/ Sequence 56, Application US/10314321A
/ Publication No. US20030190648A1
/ GENERAL INFORMATION:
/ APPLICANT: Hltachi, Ltd.
/ TITLE OF INVENTION: Gene Predicting Method
/ FILE REFERENCE: 310101185US1
/ CURRENT APPLICATION NUMBER: US/10/314,321A
/ PRIOR FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: JP 2002-103333
/ PRIOR FILING DATE: 2002-04-05
/ NUMBER OF SEQ ID NOS: 65
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 56

/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (22)
/ OTHER INFORMATION: partial sequence of A1365356 , n is a, c, g or t
US-10-314-321A-56

Query Match          0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 7e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      5392 TAAAAAATACAAAAAGAAA 5412
       :|||||:|||||:|||||:
Db      21 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 510
US-10-309-290-190/c
/ Sequence 190, Application US/10309290
/ Publication No. US20040023241A1
/ GENERAL INFORMATION:
/ APPLICANT: Alsdbrook II, John P.
/ APPLICANT: Anderson, David W.
/ APPLICANT: Boldog, Ferenc L.
/ APPLICANT: Burgess, Catherine E.
/ APPLICANT: Chilikuru, Rajeev A.
/ APPLICANT: Edinger, Shlomit R.
/ APPLICANT: Gerlach, Valerie L.
/ APPLICANT: Gorman, Linda
/ APPLICANT: Gould-Rothberg, Bonnie E.
/ APPLICANT: Guo, Xiaojia
/ APPLICANT: Jeffers, Michael E.
/ APPLICANT: Ji, Weizhen
/ APPLICANT: Li, Li
/ APPLICANT: Malyankar, Uriel M.
/ APPLICANT: Miller, Charles E.
/ APPLICANT: Murphy, Ryan
/ APPLICANT: Paturajan, Meera
/ APPLICANT: Peyman, John A.
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Rieger, Daniel K.
/ APPLICANT: Shenoy, Suresh G.
/ APPLICANT: Smithson, Glenda
/ APPLICANT: Starling, Gary
/ APPLICANT: Taupier, Raymond J.
/ APPLICANT: Voss, Edward Z.
/ APPLICANT: Zhong, Haihong
/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
/ FILE REFERENCE: 21402-502A
/ CURRENT APPLICATION NUMBER: US/10/309,290
/ CURRENT FILING DATE: 2002-12-02
/ PRIOR APPLICATION NUMBER: 60/336,600
/ PRIOR FILING DATE: 2001-12-05
/ PRIOR APPLICATION NUMBER: 60/338,285
/ PRIOR FILING DATE: 2001-12-07
/ PRIOR APPLICATION NUMBER: 60/341,346
/ PRIOR FILING DATE: 2001-12-12
/ PRIOR APPLICATION NUMBER: 60/341,477
/ PRIOR FILING DATE: 2001-12-17
/ PRIOR APPLICATION NUMBER: 60/341,540
/ PRIOR FILING DATE: 2001-12-17
/ PRIOR APPLICATION NUMBER: 60/342,592
/ PRIOR FILING DATE: 2001-12-20
/ PRIOR APPLICATION NUMBER: 60/344,297
/ PRIOR FILING DATE: 2001-12-27
/ PRIOR APPLICATION NUMBER: 60/344,903
/ PRIOR FILING DATE: 2001-12-31
/ PRIOR APPLICATION NUMBER: 60/373,288
/ PRIOR FILING DATE: 2002-04-17
/ PRIOR APPLICATION NUMBER: 60/380,981
```



```

; PRIOR FILING DATE: 2002-05-15
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: CuroSeqlist version 0.1
; SEQ ID NO 190
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-309-290-190

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 22;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2942 CCAGAACTGAGAG 2958
DB 20 CCAGAACTGAGAG 4

RESULT 511
US-10-202-162A-15
; Sequence 15, Application US/10202162A
; Publication No. US20040191769A1
; GENERAL INFORMATION:
; APPLICANT: Marino, Michael A.
; APPLICANT: McAndrew, Patricia
; TITLE OF INVENTION: Methods, Compositions and Kits for Mutation
; FILE REFERENCE: P-733
; CURRENT APPLICATION NUMBER: US/10/202,162A
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 60/392,911
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 60/307,645
; PRIOR FILING DATE: 2001-07-24
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Forward Primer
US-10-202-162A-15

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 22;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 340 TTCCTACCACTCCCT 356
DB 3 TTCCTACCACTCCCT 19

RESULT 512
US-09-726-096A-1/C
; Sequence 1, Application US/09726096A
; Publication No. US20010016652A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
; FILE REFERENCE: IS164528
; CURRENT APPLICATION NUMBER: US/09/726,096A
; CURRENT FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-09-726-096A-1

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAGAA 5412
DB 20 AAAAAATCAAAAAGAA 1

RESULT 513
US-09-916-369A-1/C
; Sequence 1, Application US/09916369A
; Publication No. US20020058802A1
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J
; APPLICANT: Peribost, Michael GM
; APPLICANT: Caruthers, Marvin H
; APPLICANT: Betley, Jason R
; TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotection
; FILE REFERENCE: 10003869-1
; CURRENT APPLICATION NUMBER: US/09/916,369A
; CURRENT FILING DATE: 2001-07-21
; PRIOR APPLICATION NUMBER: US 09/627,249
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic sequence
US-09-916-369A-1

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAGAA 5412
DB 20 AAAAAATCAAAAAGAA 1

RESULT 514
US-09-916-369A-3
; Sequence 3, Application US/09916369A
; Publication No. US20020058802A1
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J
; APPLICANT: Peribost, Michael GM
; APPLICANT: Caruthers, Marvin H
; APPLICANT: Betley, Jason R
; TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotection
; FILE REFERENCE: 10003869-1
; CURRENT APPLICATION NUMBER: US/09/916,369A
; CURRENT FILING DATE: 2001-07-21
; PRIOR APPLICATION NUMBER: US 09/627,249
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 20
```

```
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: sythetic sequence
US-09-916-369A-3
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5392 TAAAAAATACAAAAAGAA 5411
|||||
DB 1 TAAAAAATACAAAAAGAA 20
```

## RESULT 515

```
US-09-820-339A-22
/ Sequence 22, Application US/09820339A
/ Patent No. US20020081652A1
/ GENERAL INFORMATION:
/ APPLICANT: FUCHS, Sara
/ APPLICANT: BARCHAN, Dora
/ APPLICANT: SOUBOUOTON, Miriam
/ TITLE OF INVENTION: RECOMBINANT FRAGMENTS OF THE HUMAN ACETYLCHOLINE RECEPTOR AND THE
/ FILE REFERENCE: FUCHS-2A
/ CURRENT APPLICATION NUMBER: US/09/820,339A
/ CURRENT FILING DATE: 1999-11-08
/ PRIOR APPLICATION NUMBER: 09/423,398
/ PRIOR FILING DATE: 1999-11-08
/ PRIOR APPLICATION NUMBER: PCT/IL98/00211
/ PRIOR FILING DATE: 1998-05-06
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 22
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: sythetic
US-09-820-339A-22
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1057 TCCACAGCAGTGTGGGAG 1076
|||||
DB 1 TCCACAGCAGTGTGGTGA 20
```

## RESULT 516

```
US-09-973-788A-55
/ Sequence 55, Application US/09973788A
/ Patent No. US20020127574A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-110
/ CURRENT APPLICATION NUMBER: US/09/973,788A
/ CURRENT FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
```

```
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-973-788A-55
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAATCAAAAAGAA 5412
|||||
DB 1 AAAAAAATCAAAAAGAA 20
```

## RESULT 517

```
US-09-969-373-2927
/ Sequence 2927, Application US/09969373
/ Patent No. US2002013852A1
/ GENERAL INFORMATION:
/ APPLICANT: Efferetz, Roger J.
/ APPLICANT: Hauge, Brian M.
/ TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
/ FILE REFERENCE: 38-10(52679)A
/ CURRENT APPLICATION NUMBER: US/09/969,373
/ CURRENT FILING DATE: 2001-10-02
/ PRIOR APPLICATION NUMBER: US 09/754,853
/ PRIOR FILING DATE: 2001-01-05
/ PRIOR APPLICATION NUMBER: US 09/760,427
/ PRIOR FILING DATE: 2001-01-13
/ PRIOR APPLICATION NUMBER: US 09/855,768
/ PRIOR FILING DATE: 2001-05-15
/ NUMBER OF SEQ ID NOS: 4593
/ SEQ ID NO 2927
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Glycine max
US-09-969-373-2927
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 157 GGAGAGGAGAGATCTGAG 176
|||||
DB 1 GGAGAGGAGAGAACTAGG 20
```

## RESULT 518

```
US-09-973-638A-55
/ Sequence 55, Application US/09973638A
/ Patent No. US20020137070A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-19
```

```

; CURRENT APPLICATION NUMBER: US/09/973,638A
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-973-638A-55
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

Qy      5393 AAAAAATACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```

RESULT 519
US-09-974-007-55
; Sequence 55, Application US/09974007
; Patent No. US20020137071A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-18
; CURRENT APPLICATION NUMBER: US/09/974,007
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-974-007-55
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

Qy      5393 AAAAAATACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```

RESULT 520
US-09-976-617A-55
; Sequence 55, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-976-617A-55
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

Qy      5393 AAAAAATACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```

RESULT 521
US-09-961-949A-55
; Sequence 55, Application US/09961949A
; Patent No. US20020146720A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; CURRENT FILING DATE: 2001-09-20
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```

; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: FCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-961-949A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 5393 AAAAAATACAAAAAGANA 5412

DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

```

RESULT 522
US-09-747-429-11
; Sequence 11, Application US/09747429
; Patent No. US20020146810A1
; GENERAL INFORMATION:
; APPLICANT: Rameshwar, Pranela
; APPLICANT: Gascon, Pedro
; TITLE OF INVENTION: A Human Preprothymykinin Gene Promoter
; FILE REFERENCE: UMDNJ NJMS 97-16
; CURRENT APPLICATION NUMBER: US/09/747,429
; CURRENT FILING DATE: 2000-12-23
; PRIOR APPLICATION NUMBER: US 60/171,970
; PRIOR FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic sequence
US-09-747-429-11
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 4263 CTTGCACCTCTACCTGATCC 4282

DB 1 CTACCACTCTACTTCATCC 20

```

RESULT 523
US-09-263-959-849
; Sequence 849, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
```

```

; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 849:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-849
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 5405 AAAAAAATGAAAAATRA 5424

DB 1 AAAAAAATGAAAAAAGANA 20

```

RESULT 524
US-09-263-959-894
; Sequence 894, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
```

```

; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 894:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
US-09-263-959-894

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5394 AAAAAATCAAAAAGAAA 5413
DB      1 AAAAAAAAAAAAAAAAAA 20

RESULT 525
US-09-263-959-1113
; Sequence 1113, Application US/09263955
; Patent No. US20020150891A1
; GENERAL INFORMATION:
;   APPLICANT: Hood, Leroy E.
;   APPLICANT: Rowen, Lee
;   APPLICANT: Koop, Ben F.
;   TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH USE
;   NUMBER OF SEQUENCES: 1279
;   CORRESPONDENCE ADDRESS:
;   ADDRESSER: Seed and Berry LLP
;   STREET: 6300 Columbia Center, 701 Fifth Avenue
;   CITY: Seattle
;   STATE: Washington
;   COUNTRY: US
;   ZIP: 98104-7092
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: Patent Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/263,959
;   FILING DATE: 05-MAR-1999
;   CLASSIFICATION:
;   ATTORNEY/AGENT INFORMATION:
;   NAME: McMaisters, David D.
;   REGISTRATION NUMBER: 33,963
;   REFERENCE/DOCKET NUMBER: 920010.426C2
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (206) 622-4900
;   TELEFAX: (206) 682-6031
;   INFORMATION FOR SEQ ID NO: 1113:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 20 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
US-09-263-959-1113

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4867 GGGTCTCAAGTTCTTCTCT 4886
DB      1 GGGTCGACAGATTATTTCTCT 20

RESULT 526
US-09-760-500A-55
; Sequence 55, Application US/09760500A
; Patent No. US20020155442A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-715-A
; CURRENT APPLICATION NUMBER: US/09/760,500A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-760-500A-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATCAAAAAGAAA 5412
DB      1 AAAAAAAAAAAAAAAAAA 20

RESULT 527
US-09-967-409A-55
; Sequence 55, Application US/09967409A
; Patent No. US20020155458A1
; GENERAL INFORMATION:
;   APPLICANT: Mirkin, Chad A.
;   APPLICANT: Letsinger, Robert L.
;   APPLICANT: Mucic, Robert C.
;   APPLICANT: Storchoff, James J.
;   APPLICANT: Elghanian, Robert
;   APPLICANT: Taton, Thomas A.
;   TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
;   FILE REFERENCE: 00-713-16
;   CURRENT APPLICATION NUMBER: US/09/967,409A
;   CURRENT FILING DATE: 2001-09-28
;   PRIOR APPLICATION NUMBER: 09/603,830
;   PRIOR FILING DATE: 2000-06-26
;   PRIOR APPLICATION NUMBER: 09/344,667
;   PRIOR FILING DATE: 1999-06-25
;   PRIOR APPLICATION NUMBER: 09/240,755
;   PRIOR FILING DATE: 1999-01-29
;   PRIOR APPLICATION NUMBER: PCT/US97/12783
;   PRIOR FILING DATE: 1997-07-21
;   PRIOR APPLICATION NUMBER: 60/031,809
;   PRIOR FILING DATE: 1996-07-29
;   PRIOR APPLICATION NUMBER: 60/200,161
;   PRIOR FILING DATE: 2000-04-26
;   NUMBER OF SEQ ID NOS: 64
;   SOFTWARE: Microsoft Word 2000
```

```
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-967-409A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAA 5412
          ||||| ||||| ||||| |||||
Db       1 AAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 528
US-09-975-062A-55
; Sequence 55, Application US/09975062A
; Patent No. US20020155459A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; PRIOR FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-975-062A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAA 5412
          ||||| ||||| ||||| |||||
Db       1 AAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 529
US-09-976-378A-55
; Sequence 55, Application US/09976378A
; Patent No. US20020155461A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
```

```
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-125
; CURRENT APPLICATION NUMBER: US/09/976,378A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-378A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAA 5412
          ||||| ||||| ||||| |||||
Db       1 AAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 530
US-09-976-577-55
; Sequence 55, Application US/09976577
; Patent No. US20020155462A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-120
; CURRENT APPLICATION NUMBER: US/09/976,577
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-976-577-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 5393 AAAAAAAAAACAAAAAGAAA 5412

DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

```
RESULT 531
US-09-771-554-5/c
/ Sequence 5, Application US/09771554
/ Patent No. US20020155496A1
/ GENERAL INFORMATION:
/ APPLICANT: CHARLES, Marie Helene
/ APPLICANT: FIGA, Nadia
/ APPLICANT: BATTAIL-POIRROT, Nicole
/ APPLICANT: VERON, Laurent
/ APPLICANT: DELAIR, Thelery
/ APPLICANT: MANDRAND, Bernard
/ TITLE OF INVENTION: SATURATED AND UNSATURATED ABISTANE DERIVATIVES, DERIVED CONJUGATE
/ TITLE OF INVENTION: USBS IN A DIAGNOSTIC COMPOSITION, A REAGENT AND A DEVICE
/ FILE REFERENCE: 108473
/ CURRENT APPLICATION NUMBER: US/09/771,554
/ PRIOR FILING DATE: 2001-01-31
/ PRIOR APPLICATION NUMBER: PCT/FR99/01846
/ PRIOR FILING DATE: 1999-07-27
/ PRIOR APPLICATION NUMBER: FR 98/10084
/ PRIOR FILING DATE: 1998-07-31
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 5
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-09-771-554-5
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 5393 AAAAAAAAAACAAAAAGAAA 5412

DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

```
RESULT 532
US-09-978-295A-577/c
/ Sequence 577, Application US/09978295A
/ Patent No. US2002015606A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desmoyers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferreira, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
```

```
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gueney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James/
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C11
/ CURRENT APPLICATION NUMBER: US/09/978,295A
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/074450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079663
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/079923
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080107
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080165
/ PRIOR FILING DATE: 1998-03-31
```

/ PRIOR APPLICATION NUMBER: 60/080194  
/ PRIOR FILING DATE: 1998-03-31  
/ PRIOR APPLICATION NUMBER: 60/080327  
/ PRIOR FILING DATE: 1998-04-01  
/ PRIOR APPLICATION NUMBER: 60/080328  
/ PRIOR FILING DATE: 1998-04-01  
/ PRIOR APPLICATION NUMBER: 60/080333  
/ PRIOR FILING DATE: 1998-04-01  
/ PRIOR APPLICATION NUMBER: 60/080334  
/ PRIOR FILING DATE: 1998-04-01  
/ PRIOR APPLICATION NUMBER: 60/081070  
/ PRIOR FILING DATE: 1998-04-08  
/ PRIOR APPLICATION NUMBER: 60/081049  
/ PRIOR FILING DATE: 1998-04-08  
/ PRIOR APPLICATION NUMBER: 60/081071  
/ PRIOR FILING DATE: 1998-04-08  
/ PRIOR APPLICATION NUMBER: 60/081195  
/ PRIOR FILING DATE: 1998-04-08  
/ PRIOR APPLICATION NUMBER: 60/081203  
/ PRIOR FILING DATE: 1998-04-09  
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/ PRIOR FILING DATE: 1998-04-15  
/ PRIOR APPLICATION NUMBER: 60/081817  
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/ PRIOR FILING DATE: 1998-04-27  
/ PRIOR APPLICATION NUMBER: 60/083322  
/ PRIOR FILING DATE: 1998-04-28  
/ PRIOR APPLICATION NUMBER: 60/083392  
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/ PRIOR APPLICATION NUMBER: 60/083742  
/ PRIOR FILING DATE: 1998-04-30  
/ PRIOR APPLICATION NUMBER: 60/084366  
/ PRIOR FILING DATE: 1998-05-05  
/ PRIOR APPLICATION NUMBER: 60/084414

/ PRIOR FILING DATE: 1998-05-06  
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/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085573  
/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085704  
/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3% Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0% Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5196 TCAGGTGAGGAGCCACGTG 5215  
Db 20 TCAGGTGAGGAGCCACGTG 1

RESULT 533  
US-09-975-498-55  
Sequence 55, Application US/09975498  
Publication No. US20020160381A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-713-114  
CURRENT APPLICATION NUMBER: US/09/975,498  
CURRENT FILING DATE: 2001-10-11  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809



;; PRIOR FILING DATE: 1996-07-29  
;; PRIOR APPLICATION NUMBER: 60/200,161  
;; PRIOR FILING DATE: 2000-04-26  
;; NUMBER OF SEQ ID NOS: 64  
;; SOFTWARE: Microsoft Word 2000  
;; SEQ ID NO 55  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURES:  
;; OTHER INFORMATION: Description of Artificial Sequence:random  
US-09-975-498-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAGAAA 5412  
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Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 534  
US-09-966-312-55  
; Sequence 55, Application US/09966312  
; Patent No. US20020164605A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Leteinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREETO  
; FILE REFERENCE: 00-713-15  
; CURRENT APPLICATION NUMBER: US/09/966,312  
; PRIOR FILING DATE: 2002-05-07  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 55  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURES:  
; OTHER INFORMATION: Description of Artificial Sequence:random  
US-09-966-312-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAGAAA 5412  
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Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 535  
US-09-978-697-577/c

;; Sequence 577, Application US/09978697  
;; Patent No. US20020169284A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ashkenazi, Avi  
;; APPLICANT: Baker Kevin P.  
;; APPLICANT: Botstein, David  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Batton, Dan  
;; APPLICANT: Ferrara, Napoleon  
;; APPLICANT: Pivaroff, Ellen  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Geritsen, Mary E.  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Guiney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Kijavlin, Ivar J.  
;; APPLICANT: Kuo, Sophia S.  
;; APPLICANT: Napier, Mary A.  
;; APPLICANT: Pan, James;  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Shelton, David L.  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tomas, Daniel  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C27  
; CURRENT APPLICATION NUMBER: US/09/978,697  
; PRIOR FILING DATE: 2001-10-16  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
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PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
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PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
Query Match      0.3%; Scored
Best Local Similarity 85.0%; Pred
Matches 17; Conservative 0; M

Qy          5196 TCAGGTGGAGGCGCAGTG 5211
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PrioR       20 TCAAGTGAAGAAGGCCAGTG 1
Db

RESULT 536
US-09-927-777A-55
Sequence 55, Application US/099277777
Patent No. US20020172953A1
GENERAL INFORMATION:
APPLICANT: Markin, Chad A.
APPLICANT: Leesinger, Robert L.
APPLICANT: Mueck, Robert C.
APPLICANT: Storchoff, James J.
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Query Match      0.3% Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0% Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCACGCTGGAGAGGCCACCTG 5215
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Db       20 TCAGTGTGAAAGCCACCTG 1

RESULT 536
US-09-927-777A-55
; Sequence 55, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Muelic, Robert C.
; APPLICANT: Storchoff, James J.

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; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-927-777A-55

Query Match          0.3% Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 537
US-09-927-777A-70
; Sequence 70, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Strohoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
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; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; US-09-927-777A-70

Query Match          0.3% Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 538
US-09-978-192A-577/c
; Sequence 577, Application US/09978192A
; Patent No. US20020177553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Etkin, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
```

APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC9  
CURRENT APPLICATION NUMBER: US/09/978,192A  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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PRIOR FILING DATE: 1998-03-12  
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/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
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/ PRIOR APPLICATION NUMBER: 60/085697
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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DB 20 TCAGTGTGAAGGCCACGTG 1
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RESULT 539
US-09-966-491A-55
/ Sequence 55, Application US/09966491A
/ Publication No. US2002018261A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Bishanlian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-14
/ CURRENT APPLICATION NUMBER: US/09/966,491A
/ PRIOR FILING DATE: 2002-03-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
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/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-491A-55
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5393 AAAAAATTCAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20
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RESULT 540
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/ Sequence 55, Application US/09976971A
/ Publication No. US2002018261A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Bishanlian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-118
/ CURRENT APPLICATION NUMBER: US/09/976,971A
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/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-971A-55
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5393 AAAAAATTCAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20
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US-09-999-832A-577/C
/ Sequence 577, Application US/09999832A
/ Publication No. US20020192706A1
/ GENERAL INFORMATION:
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APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavitt, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2650PIC63  
CURRENT FILING DATE: 2001-10-24  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
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Query Match      0.3%; Score 15.2; DB 1; Length 20;
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Db      20 TCAGTGTGAAGGCCACGTG 1
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/ GENERAL INFORMATION:
/ APPLICANT: Aabkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Saton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
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/ APPLICANT: Gerritsen, Mary E.
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/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gunney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James J.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC7
/ CURRENT FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/918585
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/ PRIOR APPLICATION NUMBER: 60/082700
/ PRIOR FILING DATE: 1998-04-22
/ PRIOR APPLICATION NUMBER: 60/082797
/ PRIOR FILING DATE: 1998-04-22
/ PRIOR APPLICATION NUMBER: 60/082796
/ PRIOR FILING DATE: 1998-04-23
/ PRIOR APPLICATION NUMBER: 60/083336
/ PRIOR FILING DATE: 1998-04-27
/ PRIOR APPLICATION NUMBER: 60/083322
/ PRIOR FILING DATE: 1998-04-28
/ PRIOR APPLICATION NUMBER: 60/083392
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083495
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083496
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083499
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083545
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083554
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083558
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083559
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083500
```

```
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083742
/ PRIOR FILING DATE: 1998-04-30
/ PRIOR APPLICATION NUMBER: 60/084366
/ PRIOR FILING DATE: 1998-05-05
/ PRIOR APPLICATION NUMBER: 60/084414
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084637
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084639
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084640
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084598
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084600
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084627
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084643
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/085339
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085338
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085582
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085700
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085580
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5196 TCAGCGTGAAGCCACGTG 5215
|||||
Db 20 TCAGTGAAGGCCACGTG 1
```

```
RESULT 543
US-09-880-505-83
; Sequence 83, Application US/09880505
; Publication No. US20030007976A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L.T.
; TITLE OF INVENTION: Prestidige, Ross
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; FILE REFERENCE: 11000.1007c2
; CURRENT APPLICATION NUMBER: US/09/880,505
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 09/324,542
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: US 08/997,080
; PRIOR FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: FASTSEQ for Windows Version 3.0
```



```
/ SEQ ID NO 83
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Made in a lab
US-09-880-505-83
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 544
US-09-820-279B-55
/ Sequence 55, Application US/09820279B
/ Publication No. US20030022169A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghamian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-1085-A
/ CURRENT APPLICATION NUMBER: US/09/820,279B
/ PRIOR FILING DATE: 2001-03-28
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-820-279B-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 545
US-09-888-326-2
/ Sequence 2, Application US/09888326
/ Publication No. US20030026801A1
/ GENERAL INFORMATION:
/ APPLICANT: Weiner, George
/ APPLICANT: Hartmann, Gunther
/ TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
```

```
/ TITLE OF INVENTION: Cell Lysis and Treating Cancer
/ FILE REFERENCE: C1039/7052 (AMS)
/ CURRENT APPLICATION NUMBER: US/09/888,326
/ CURRENT FILING DATE: 2001-06-22
/ PRIOR APPLICATION NUMBER: US 60/213,346
/ PRIOR FILING DATE: 2000-06-22
/ NUMBER OF SEQ ID NOS: 848
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 20
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: phosphodiester backbone
US-09-888-326-2
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 546
US-09-888-326-601/c
/ Sequence 601, Application US/09888326
/ Publication No. US20030026801A1
/ GENERAL INFORMATION:
/ APPLICANT: Weiner, George
/ APPLICANT: Hartmann, Gunther
/ TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
/ FILE REFERENCE: C1039/7052 (AMS)
/ CURRENT APPLICATION NUMBER: US/09/888,326
/ CURRENT FILING DATE: 2001-06-22
/ PRIOR APPLICATION NUMBER: US 60/213,346
/ PRIOR FILING DATE: 2000-06-22
/ NUMBER OF SEQ ID NOS: 848
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 601
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: phosphodiester backbone
US-09-888-326-601
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5129 ACGAATAGAGGACATGGA 5148
      ||||| ||||| ||||| |||||
Db      20 ACGATCAGAGCGACATGGA 1
```

```
RESULT 547
US-09-888-326-838/c
/ Sequence 838, Application US/09888326
/ Publication No. US20030026801A1
/ GENERAL INFORMATION:
/ APPLICANT: Weiner, George
/ APPLICANT: Hartmann, Gunther
/ TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
/ TITLE OF INVENTION: Cell Lysis and Treating Cancer
```

```
/ FILE REFERENCE: C1039/7052 (AMS)
/ CURRENT APPLICATION NUMBER: US/09/888,326
/ CURRENT FILING DATE: 2001-06-22
/ PRIOR APPLICATION NUMBER: US 60/213,346
/ PRIOR FILING DATE: 2000-06-22
/ NUMBER OF SEQ ID NOS: 848
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 838
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
/ NAME/KEY: misc.feature
/ LOCATION: (0)..(0)
/ OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-838
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAAAAACAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 548
US-09-888-326-839/c
/ Sequence 839, Application US/09888326
/ Publication No. US20030026801A1
/ GENERAL INFORMATION:
/ APPLICANT: Weiner, George
/ APPLICANT: Hartmann, Gunther
/ TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
/ TITLE OF INVENTION: Cell Lysis and Treating Cancer
/ FILE REFERENCE: C1039/7052 (AMS)
/ CURRENT APPLICATION NUMBER: US/09/888,326
/ CURRENT FILING DATE: 2001-06-22
/ PRIOR APPLICATION NUMBER: US 60/213,346
/ PRIOR FILING DATE: 2000-06-22
/ NUMBER OF SEQ ID NOS: 848
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 839
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide
/ NAME/KEY: misc.feature
/ LOCATION: (0)..(0)
/ OTHER INFORMATION: phosphodiester backbone
US-09-888-326-839
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAAAAAACAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 549
US-09-931-375A-48/c
/ Sequence 48, Application US/09931375A
/ Publication No. US20030027151A1
/ GENERAL INFORMATION:
/ APPLICANT: WARMAN, Matthew L.
/ APPLICANT: GONG, Yaogin
/ APPLICANT: OLSEN, Bjorn R.
/ APPLICANT: RAMADI, Georges
/ APPLICANT: ROMAN-ROMAN, Sergio
```

```
/ TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF
/ TITLE OF INVENTION: OSTEOPOROSIS
/ FILE REFERENCE: 38464-0004
/ CURRENT APPLICATION NUMBER: US/09/931,375A
/ CURRENT FILING DATE: 2001-08-17
/ PRIOR APPLICATION NUMBER: US 60/304,851
/ PRIOR FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: US 60/234,337
/ PRIOR FILING DATE: 2000-09-22
/ PRIOR APPLICATION NUMBER: US 60/226,119
/ PRIOR FILING DATE: 2000-08-18
/ NUMBER OF SEQ ID NOS: 89
/ SOFTWARE: PatentIn Version 3.0
/ SEQ ID NO 48
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-09-931-375A-48
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 4160 CCCCCTTGAGATCCTCTG 4179
DB 20 CCACCATGAGATCCTCTG 1
```

```
RESULT 550
US-09-981-344-55
/ Sequence 55, Application US/09981344
/ Publication No. US20030044805A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Leisinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-122
/ CURRENT APPLICATION NUMBER: US/09/981,344
/ CURRENT FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: random
/ OTHER INFORMATION: Synthetic Sequence
US-09-981-344-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

## RESULT 551

US-09-978-608A-577/c  
; Sequence 577, Application US/09978608A  
; Publication No. US20030045462A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Baton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Guiney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavitt, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Raoul, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C22  
; CURRENT APPLICATION NUMBER: US/09/978, 608A  
; CURRENT FILING DATE: 2001-10-16  
; NUMBER OF SEQ ID NOS: 624  
; Prior Application removed - See File Wrapper or Palm  
; SEQ ID NO 577  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-978-608A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5196 TCAGCTGGAGGCCACGTG 5215  
|||||  
Db 20 TCAGTGTGAAGGCCACGTG 1

RESULT 552  
US-09-865-866-169/c  
; Sequence 169, Application US/09865866  
; Publication No. US20030045487A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) EX  
; FILE REFERENCE: RTS-0221  
; CURRENT APPLICATION NUMBER: US/09/865, 866  
; CURRENT FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 173

; SEQ ID NO 169  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-865-866-169

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 458 TCCTGCTGTATACCTCAG 477  
|||||  
Db 20 TCCTGCTGTCTTCCTCAG 1

## RESULT 553

US-09-957-318A-55  
; Sequence 55, Application US/09957318A  
; Publication No. US20030049630A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Elphandian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-12  
; CURRENT APPLICATION NUMBER: US/09/957, 318A  
; CURRENT FILING DATE: 2002-03-05  
; PRIOR APPLICATION NUMBER: 09/603, 830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344, 667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240, 755  
; PRIOR FILING DATE: 1998-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031, 809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200, 161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 55  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-957-318A-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 554  
US-09-974-500A-55  
; Sequence 55, Application US/09974500A  
; Publication No. US20030049631A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.

```

/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-17
/ CURRENT APPLICATION NUMBER: US/09/974,500A
/ CURRENT FILING DATE: 2002-04-01
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-974-500A-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      5393 AAAAAATTCAGAAAAGAAA 5412
          ||||| ||||| ||||| |||||
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```

RESULT 555
US-09-978-585A-577/c
/ Sequence 577, Application US/09978585A
/ Publication No. US20030049633A1
/ GENERAL INFORMATION:
/ APPLICANT: Aehkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flivaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Thomas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
```

```

/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC15
/ CURRENT APPLICATION NUMBER: US/09/978,585A
/ CURRENT FILING DATE: 2001-10-16
/ NUMBER OF SEQ ID NOS: 624
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-585A-577
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5196 TCAGCGTGGAGGCCACGTG 5215
          ||||| ||||| ||||| |||||
Db      20 TCAGTGTGAAAGGCCACGTG 1
```

```

RESULT 556
US-09-978-191A-577/c
/ Sequence 577, Application US/09978191A
/ Publication No. US20030050239A1
/ GENERAL INFORMATION:
/ APPLICANT: Aehkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flivaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
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/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Thomas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC4
/ CURRENT APPLICATION NUMBER: US/09/978,191A
/ CURRENT FILING DATE: 2001-10-15
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APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Boetstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
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APPLICANT: Gerber, Hanspeter  
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APPLICANT: Tumas, Daniel  
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C17  
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; APPLICANT: Baker, Kevin P.  
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; APPLICANT: Desnovers, Luc  
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; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
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/ PRIOR APPLICATION NUMBER: 60/084441  
/ PRIOR FILING DATE: 1998-05-06  
/ PRIOR APPLICATION NUMBER: 60/084637  
/ PRIOR FILING DATE: 1998-05-07  
/ PRIOR APPLICATION NUMBER: 60/084639  
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/ PRIOR APPLICATION NUMBER: 60/084598  
/ PRIOR FILING DATE: 1998-05-07  
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/ PRIOR FILING DATE: 1998-05-07  
/ PRIOR APPLICATION NUMBER: 60/085339  
/ PRIOR FILING DATE: 1998-05-13  
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/ PRIOR FILING DATE: 1998-05-13  
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/ PRIOR FILING DATE: 1998-05-13  
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/ PRIOR FILING DATE: 1998-05-15  
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/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085580  
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/ PRIOR APPLICATION NUMBER: 60/085573  
/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085704  
/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCGTGAGGAGCCAGCTG 5215  
DB 20 TCAGGTGAAGGCCAGCTG 1



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RESULT 559
US-09-975-376A-55
/ Sequence 55, Application US/09975376A
/ Publication No. US20030054358A1
/ GENERAL INFORMATION:
/ APPLICANT: Markin, Chad A.
/ APPLICANT: Lettinger, Robert L.
/ APPLICANT: Music, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-112
/ CURRENT APPLICATION NUMBER: US/09/975,376A
/ PRIOR FILING DATE: 2002-05-07
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-975-376A-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAAGAAAA 5412
DB      1 AAAAAAAAAAAAAAAAAA 20

RESULT 560
US-09-999-833A-577/C
/ Sequence 577, Application US/09999833A
/ Publication No. US20030054405A1
/ GENERAL INFORMATION:
/ APPLICANT: Aghkenaz, Av1
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flivaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Grimaldi, Paul J.
/ APPLICANT: Gurney, Austen L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
```

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/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C65
/ CURRENT APPLICATION NUMBER: US/09/999,833A
/ PRIOR FILING DATE: 2001-10-24
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/063664
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/ PRIOR FILING DATE: 1998-03-31
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/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080327
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080328
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/ PRIOR FILING DATE: 1998-04-01  
/ PRIOR APPLICATION NUMBER: 60/080333  
/ PRIOR FILING DATE: 1998-04-01  
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/ PRIOR FILING DATE: 1998-04-01  
/ PRIOR APPLICATION NUMBER: 60/081070  
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/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085704  
/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3% Score 15.2; DB 1; Length 20;  
Beet Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5196 TCAGCTGAGGAGCCACGCTG 5215  
Db 20 TCAGTGTGAAAGGCCACGCTG 1

RESULT 561  
US-09-981-915A-577/c  
; Sequence 577, Application US/09981915A  
; Publication No. US20030054986A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Baton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Flivareff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerlisen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C12  
CURRENT APPLICATION NUMBER: US/09/981,915A  
PRIOR FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
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PRIOR APPLICATION NUMBER: 60/064249  
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PRIOR FILING DATE: 1997-11-21  
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PRIOR FILING DATE: 1998-04-08

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/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
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Query Match 0.3% Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5196 TCAGCGTGGAGGCCACGTG 5215
Db 20 TCAGTGTGAAGGCCACGTG 1
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RESULT 562

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US-09-978-824-577/c
/ Sequence 577, Application US/09978824
/ Publication No. US20030055216A1
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GENERAL INFORMATION:

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/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Girdtsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tuma, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C14
/ CURRENT APPLICATION NUMBER: US/09/978,824
/ CURRENT FILING DATE: 2001-10-17
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/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
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/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
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/ PRIOR APPLICATION NUMBER: 60/066364
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/ PRIOR FILING DATE: 1998-04-08
/ PRIOR APPLICATION NUMBER: 60/081203
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Query Match 0.3%; Score 15.2; DB 1; Length 20;  
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QY 5196 TCAGCTGGAGGCCACGTG 5215  
DB 20 TCAGCTGTAAGCCACGTG 1

RESULT 563  
US-09-957-313A-55  
;; Sequence 55, Application US/09957313A  
;; Publication No. US20030059777A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Markin, Chad A.  
;; APPLICANT: Letsinger, Robert L.  
;; APPLICANT: Mucic, Robert C.  
;; APPLICANT: Storchoff, James J.  
;; APPLICANT: Elghamdan, Robert  
;; APPLICANT: Taton, Thomas A.  
;; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
;; FILE REFERENCE: 00-713-13  
;; CURRENT APPLICATION NUMBER: US/09/957,313A  
;; CURRENT FILING DATE: 2002-03-05  
;; PRIOR APPLICATION NUMBER: 09/603,830  
;; PRIOR FILING DATE: 2000-06-26  
;; PRIOR APPLICATION NUMBER: 09/344,667  
;; PRIOR FILING DATE: 1999-06-25  
;; PRIOR APPLICATION NUMBER: 09/240,755  
;; PRIOR FILING DATE: 1999-01-29  
;; PRIOR APPLICATION NUMBER: PCT/US97/12783  
;; PRIOR FILING DATE: 1997-07-21  
;; PRIOR APPLICATION NUMBER: 60/031,809  
;; PRIOR FILING DATE: 1996-07-29  
;; PRIOR APPLICATION NUMBER: 60/200,161  
;; PRIOR FILING DATE: 2000-04-26  
;; NUMBER OF SEQ ID NOS: 64  
;; SOFTWARE: Microsoft Word 2000  
;; SEQ ID NO 55  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-957-313A-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5393 AAAAAATACAAAAGANA 5412



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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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DB 20 TCGGTGTGAAGCCACGCGTG 1

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/ Publication No. US20030061632A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Metelings, Koen  
/ APPLICANT: Apuya, Nestor R.  
/ APPLICANT: Tatarinova, Tatiana  
/ APPLICANT: Goldberg, Robert B.  
/ APPLICANT: The Regents of the University of California  
/ APPLICANT: Ceres, Inc.  
/ TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription  
/ FILE REFERENCE: 023070-11810US  
/ CURRENT APPLICATION NUMBER: US/09/997,672  
/ PRIOR FILING DATE: 2001-11-28  
/ PRIOR APPLICATION NUMBER: US 60/253,672  
/ PRIOR FILING DATE: 2000-11-28  
/ NUMBER OF SEQ ID NOS: 42  
/ SOFTWARE: PatentIn Ver. 2.1  
/ SEQ ID NO 40

/ LENGTH: 20  
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/ ORGANISM: Artificial Sequence  
/ FEATURES:  
/ OTHER INFORMATION: Description of Artificial Sequence:oligo(dt-20)  
/ OTHER INFORMATION: primer  
US-09-997-672-40

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Qy 5393 AAAAAAAAAAGAAA 5412  
Db 20 AAAAAAAAAAAAAAAAAA 1

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/ GENERAL INFORMATION:  
/ APPLICANT: Ashkenazi, Avi  
/ APPLICANT: Baker Kevin P.  
/ APPLICANT: Botstein, David  
/ APPLICANT: Desnovers, Luc  
/ APPLICANT: Eaton, Dan  
/ APPLICANT: Ferrara, Napoleon  
/ APPLICANT: Filvaroff, Ellen  
/ APPLICANT: Fong, Sherman  
/ APPLICANT: Gao, Wei-Qiang  
/ APPLICANT: Gerber, Hanspeter  
/ APPLICANT: Gerltsen, Mary B.  
/ APPLICANT: Goddard, Audrey  
/ APPLICANT: Godowski, Paul J.  
/ APPLICANT: Grimaldi, J. Christopher  
/ APPLICANT: Gurney, Austin L.  
/ APPLICANT: Hillan, Kenneth J  
/ APPLICANT: Kljavin, Ivar J.  
/ APPLICANT: Kuo, Sophia S.  
/ APPLICANT: Napier, Mary A.  
/ APPLICANT: Pan, James;  
/ APPLICANT: Paoni, Nicholas F.  
/ APPLICANT: Roy, Margaret Ann  
/ APPLICANT: Shelton, David L.  
/ APPLICANT: Stewart, Timothy A.  
/ APPLICANT: Thmas, Daniel  
/ APPLICANT: Williams, P. Mickey  
/ APPLICANT: Wood, William I.  
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
/ FILE REFERENCE: P26301C75  
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Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
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Qy 5196 TCAGGTGGAGGCCACGCTG 5215

Db 20 TCAGGTGAAAGGCCACGCTG 1

RESULT 568

US-09-976-863A-55

Sequence 55, Application US/09976863A

Publication No. US20030068622A1

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A.

APPLICANT: Lettinger, Robert L.

APPLICANT: Mucic, Robert C.

APPLICANT: Storchoff, James J.

APPLICANT: Elghamian, Robert

APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFO

FILE REFERENCE: 00-713-119

CURRENT APPLICATION NUMBER: US/09/976,863A

CURRENT FILING DATE: 2001-10-12

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: PCT/US97/12763

PRIOR FILING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR FILING DATE: 2000-04-26

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Microsoft Word 2000

SEQ ID NO 55

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURES: Description of Artificial Sequence: random

OTHER INFORMATION: synthetic sequence

US-09-976-863A-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATCAAAAAAGAA 5412

Db 1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 569

US-09-978-423A-577/c

Sequence 577, Application US/09978423A

Publication No. US20030069178A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC21  
CURRENT FILING DATE: 2002-05-16  
PRIOR APPLICATION NUMBER: US/09/978,423A  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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PRIOR FILING DATE: 1997-11-03  
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PRIOR FILING DATE: 1997-11-13  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-30

PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
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PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCTGGAGCGCCAGCTG 5215  
Db 20 TCAGCTGTAAGCCACGCTG 1

RESULT 570  
US-09-881-535-2/c  
Sequence 2, Application US/09881535  
Publication No. US20030069410A1  
GENERAL INFORMATION:  
APPLICANT: Ravikumar, Vasulunga T.  
TITLE OF INVENTION: Methods For Preparing Oligonucleotides Having Chiral Phosphorothioate Linkages  
FILE REFERENCE: IS164785  
CURRENT APPLICATION NUMBER: US/09/881,535  
CURRENT FILING DATE: 2001-06-14  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 2  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: No. US20030069410A1el Sequence  
US-09-881-535-2

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5393 AAAAAATCAGAAAAAGAA 5412  
Db 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 571  
US-09-978-193A-577/c  
Sequence 577, Application US/09978193A  
Publication No. US20030073624A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Flvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltsen, Mary B.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Aublin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Pao, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P26301P6  
CURRENT APPLICATION NUMBER: US/09/978,193A  
CURRENT FILING DATE: 2002-02-21  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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;; PRIOR FILING DATE: 1998-05-15  
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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGAGGACGCG 5215  
DB 20 TCAGGTGAGGACGCG 1

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RESULT 572
US-09-952-464A-27/c
/ Sequence 27, Application US/09952464A
/ Publication No. US20030077587A1
/ GENERAL INFORMATION:
/ APPLICANT: Stone, Edwin M.
/ APPLICANT: Sheffield, Val C.
/ APPLICANT: Alward, Wallace L.M.
/ APPLICANT: Fingert, John
/ TITLE OF INVENTION: GLAUCOMA THERAPEUTICS AND DIAGNOSTICS
/ FILE REFERENCE: 21087.0017011
/ CURRENT APPLICATION NUMBER: US/09/952,464A
/ PRIOR FILING DATE: 2001-09-12
/ PRIOR APPLICATION NUMBER: 09/473,273
/ PRIOR FILING DATE: 1999-12-28
/ PRIOR APPLICATION NUMBER: 09/461,542
/ PRIOR FILING DATE: 1999-12-15
/ PRIOR APPLICATION NUMBER: 09/366,952
/ PRIOR FILING DATE: 1999-08-04
/ PRIOR APPLICATION NUMBER: 09/056,285
/ PRIOR FILING DATE: 1998-04-07
/ PRIOR APPLICATION NUMBER: 08/822,999
/ PRIOR FILING DATE: 1997-03-21
/ NUMBER OF SEQ ID NOS: 43
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 27
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence, No. US20030077587A1 =
US-09-952-464A-27

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7, 2e+02;
Matches 17, Conservative 0, Mismatches 3, Indels 0, Gaps 0;

QY      1960 GGGTTCCTGAGTCGACGAG 1979
Db      20 GGGGACTCTGAGTTCAGCAG 1

RESULT 573
US-09-999-830A-577/c
/ Sequence 577, Application US/09999830A
/ Publication No. US20030077700A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flvarcoff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
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/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C70
/ CURRENT APPLICATION NUMBER: US/09/999,830A
/ PRIOR FILING DATE: 2001-08-31
/ PRIOR APPLICATION NUMBER: 09/918585
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/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079663
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/079923
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080107
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080165
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080194
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080327
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080328
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080333
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080334
/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/081070
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PRIORITY APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

QY      5196 TCACGCTGGAGGCCACGTG 5215
Db       20   TCA GTGTGA AAGCCACGTG 1
||||| ||||| ||||| |||||
||||| ||||| ||||| |||||

RESULT 574
US-09-978-757A-577/C
Sequence 577, Application US/09978757A
Publication No. US20030083248A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavrin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C26
CURRENT APPLICATION NUMBER: US/09/978, 757A
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/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085338
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085582
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085700
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085580
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCGTGGAGGCGCACGTG 5215
      ||||| ||||| ||||| |||||
DB      20 TCAGGTGTGAAGGCGCACGTG 1
```

```
RESULT 575
US-09-776-479-226/c
; Sequence 226, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-226
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
DB      20 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 576
US-09-776-479-226/c
; Sequence 226, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
```

```
/ TITLE OF INVENTION: Treatment of Asthma and Allergy
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ CURRENT FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 226
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-226
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
DB      20 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 577
US-09-776-479-556/c
; Sequence 556, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-556
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
DB      20 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 578
US-09-776-479-556/c
; Sequence 556, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
```



```
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 556
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-556
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATTCAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 579
US-09-776-479-560
/ Sequence 560, Application US/09776479
/ Publication No. US20030087848A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fouton, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ TITLE OF INVENTION: Treatment of Asthma and Allergy
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 560
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-560
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATTCAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 580
US-09-776-479-560
/ Sequence 560, Application US/09776479
/ Publication No. US20040067902A9
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fouton, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ TITLE OF INVENTION: Treatment of Asthma and Allergy
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 560
/ LENGTH: 20
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-560
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATTCAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 581
US-09-776-479-772/c
/ Sequence 772, Application US/09776479
/ Publication No. US20030087848A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fouton, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ TITLE OF INVENTION: Treatment of Asthma and Allergy
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 772
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-772
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5129 AGGAATGAGGAGGACATGGA 5148
Db 20 AGGATCAGGAGCGACATGGA 1
```

```
RESULT 582
US-09-776-479-772/c
/ Sequence 772, Application US/09776479
/ Publication No. US20040067902A9
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fouton, Yves
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
/ TITLE OF INVENTION: Treatment of Asthma and Allergy
/ FILE REFERENCE: C1037/7013 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 772
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-09-776-479-772
```

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5129 AGAATGAGGAGCATGCA 5148  
|||||  
DB 20 AGATCAGAGGAGCATGCA 1

RESULT 583  
US-09-978-187B-577/c  
; Sequence 577, Application US/09978187B  
; Publication No. US20030096744A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gertsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Iyar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC5  
; CURRENT APPLICATION NUMBER: US/09/978,187B  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081071  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081195  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081203  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081229  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081817  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081819  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081952  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081838  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082568  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082569  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082704  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082700  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082797  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082796

```

PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

5196 TCAGCGTGAAGGCCACGTG 5215

|||||

Db 20 TCAGGTGAAGGCCACGTG 1

RESULT 585

US-09-978-643A-577/c

Sequence 577, Application US/09978643A

Publication No. US2003010498A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerder, Hanspeter

APPLICANT: Gerltzen, Mary B.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kilavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2630P16

CURRENT APPLICATION NUMBER: US/09/978,643A

CURRENT FILING DATE: 2001-10-16

NUMBER OF SEQ ID NOS: 624

Prior Application removed - See File Wrapper or Palm

SEQ ID NO 577

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-09-978-643A-577

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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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5196 TCAGCGTGAAGGCCACGTG 5215

Db 20 TCAGGTGAAGGCCACGTG 1

RESULT 585

US-09-972-607-45/c

Sequence 45, Application US/09972607

Publication No. US20030105037A1

GENERAL INFORMATION:

APPLICANT: Bret P. Monia

APPLICANT: Jacqueline Wyat

TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION

FILE REFERENCE: RTS-0191

CURRENT APPLICATION NUMBER: US/09/972,607

CURRENT FILING DATE: 2001-10-06

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 45

LENGTH: 20

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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-972-607-45
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```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5000 AGGTGGCCTTAACAGCATCTC 5019

Db 20 AGGTGGCCTTATCACCACGCTC 1

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RESULT 586
US-09-976-601A-55
/ Sequence 55, Application US/09976601A
/ Publication No. US20030124528A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Stothoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-116
/ CURRENT APPLICATION NUMBER: US/09/976,601A
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-601A-55
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5393 AAAAAAAAAACAAAAGAAA 5412

Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

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RESULT 587
US-09-978-375A-577/c
/ Sequence 577, Application US/09978375A
/ Publication No. US20030130181A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
```

```
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PlC24
/ CURRENT APPLICATION NUMBER: US/09/978,375A
/ PRIOR FILING DATE: 2002-04-19
/ Prior Application removed - See file wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-375A-577
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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 5196 TCAGGTGGAGAGCCACGTG 5215

Db 20 TCAGGTGAAAGCCACGTG 1

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RESULT 588
US-09-978-298A-577/c
/ Sequence 577, Application US/09978298A
/ Publication No. US20030134785A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
```

APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
ACIDS  
FILE REFERENCE: P2630P1C2  
CURRENT APPLICATION NUMBER: US/09/978,298A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/07450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
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PRIOR FILING DATE: 1998-05-07  
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/ PRIOR APPLICATION NUMBER: 60/084598  
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/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085704  
/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCGTGGAGCCACGCG 5215  
DB 20 TCAGTGTGAAGCCACGCG 1

## RESULT 589

US-09-978-188A-577/c  
/ Sequence 577, Application US/09978188A  
/ Publication No. US20030139328A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Ashkenazi, Avi  
/ APPLICANT: Baker Kevin P.  
/ APPLICANT: Botstein, David  
/ APPLICANT: Desnovers, Luc  
/ APPLICANT: Eaton, Dan  
/ APPLICANT: Ferrara, Napoleone  
/ APPLICANT: Filvaroff, Ellen  
/ APPLICANT: Fong, Sherman  
/ APPLICANT: Gao, Wei-Qiang  
/ APPLICANT: Gerder, Hanspeter  
/ APPLICANT: Gerltisen, Mary E.  
/ APPLICANT: Goddard, Audrey  
/ APPLICANT: Godowski, Paul J.  
/ APPLICANT: Grimaldi, J. Christopher  
/ APPLICANT: Gurney, Austin L.  
/ APPLICANT: Hillan, Kenneth J.  
/ APPLICANT: Kijavlin, Ivar J.  
/ APPLICANT: Kuo, Sophia S.  
/ APPLICANT: Napier, Mary A.  
/ APPLICANT: Pan, Jamesi  
/ APPLICANT: Paoni, Nicholas F.  
/ APPLICANT: Roy, Margaret Ann  
/ APPLICANT: Shelton, David L.  
/ APPLICANT: Stewart, Timothy A.  
/ APPLICANT: Tumas, Daniel  
/ APPLICANT: Williams, P. Mickey  
/ APPLICANT: Wood, William I.  
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
/ TITLE OF INVENTION: Acids Encoding the Same

/ FILE REFERENCE: P2630P1C8  
/ CURRENT APPLICATION NUMBER: US/09/978,188A  
/ CURRENT FILING DATE: 2001-10-15  
/ PRIOR APPLICATION NUMBER: 09/918585  
/ PRIOR FILING DATE: 2001-07-30  
/ PRIOR APPLICATION NUMBER: 60/062250  
/ PRIOR FILING DATE: 1997-10-17  
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PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCTGGAGGCCACGCG 5215  
DB 20 TCAGCTGGAGGCCACGCG 1

## RESULT 590

US-09-975-059A-55

Sequence 55, Application US/09975059A

Publication No. US20030143538A1

GENERAL INFORMATION:

APPLICANT: Mirkin, Chad A.

APPLICANT: Leteinger, Robert L.

APPLICANT: Mucic, Robert C.

APPLICANT: Storchoff, James J.

APPLICANT: Sighanlian, Robert

APPLICANT: Taton, Thomas A.

TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO

TITLE OF INVENTION: AND USES THEREFOR

FILE REFERENCE: 00-713-115

CURRENT FILING DATE: 2001-10-11

PRIOR APPLICATION NUMBER: 09/603,830

PRIOR FILING DATE: 2000-06-26

PRIOR APPLICATION NUMBER: 09/344,667

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: 09/240,755

PRIOR FILING DATE: 1999-01-29

PRIOR APPLICATION NUMBER: PCT/US97/12763

PRIOR FILING DATE: 1997-07-21

PRIOR APPLICATION NUMBER: 60/031,809

PRIOR FILING DATE: 1996-07-29

PRIOR APPLICATION NUMBER: 60/200,161

PRIOR FILING DATE: 2000-04-26

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Microsoft Word 2000

SEQ ID NO 55

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: random

OTHER INFORMATION: synthetic sequence

US-09-975-059A-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;

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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 591
US-09-976-968A-55
; Sequence 55, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-968A-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No.7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAAGAA 5412
  ||||| ||||| ||||| |||||
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 592
US-09-976-782-56/c
; Sequence 56, Application US/09976782
; Publication No. US20030190715A1
; GENERAL INFORMATION:
; APPLICANT: Grosse et al
; TITLE OF INVENTION: No. US20030190715A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-157
; CURRENT APPLICATION NUMBER: US/09/976,782
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240,113
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 60/240,662
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,732
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,625
; PRIOR FILING DATE: 2000-10-16

; PRIOR APPLICATION NUMBER: 60/240,703
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/241,190
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,637
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,669
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/262,455
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/240,648
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-976-782-56

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No.7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4816 ATCAACACGACCCCTTGACC 4835
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Db 20 ATGAAACAGACCTTGACC 1

RESULT 593
US-09-978-681A-577/c
; Sequence 577, Application US/09978681A
; Publication No. US20030195148A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C18
; CURRENT APPLICATION NUMBER: US/09/978,681A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
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PRIOR FILING DATE: 1998-05-07  
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PRIOR FILING DATE: 1998-05-07  
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PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579

PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGAGGAGCCACGTG 5215  
DB 20 TCAGGTGAGGAGCCACGTG 1

RESULT 595

US-09-999-829A-577/c  
Sequence 577, Application US/0999829A  
Publication No. US2003019534A1

GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary B.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PLC61  
CURRENT APPLICATION NUMBER: US/09/999,829A  
NUMBER OF SEQ ID NOS: 624  
Prior Application removed - See File Wrapper or Palm  
SEQ ID NO 577  
LENGTH: 20  
TYPE: DNA  
FEATURE:  
ORGANISM: Artificial Sequence  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-09-999-829A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGAGGAGCCACGTG 5215  
DB 20 TCAGGTGAGGAGCCACGTG 1

RESULT 596  
US-09-978-239A-577/c  
; Sequence 577, Application US/09978299A  
; Publication No. US20030199435A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Baton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gertsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Iyar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2650P1C3  
; CURRENT APPLICATION NUMBER: US/09/978,239A  
; PRIOR APPLICATION NUMBER: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
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; PRIOR APPLICATION NUMBER: 60/07450  
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; PRIOR FILING DATE: 1998-03-27  
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; PRIOR FILING DATE: 1998-04-29

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; PRIOR APPLICATION NUMBER: 60/083496
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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCTGAGGCGGCGTG 5215
DB      20 TCAGTGTGAAGGCCGCTG 1

RESULT 597
US-09-978-544A-577/c
; Sequence 577, Application US/09978544A
; Publication No. US20030199436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
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; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austen L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavitt, Yvar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C13
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Batou, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Shertman

APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltzen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C19  
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/ APPLICANT: Aekhenazi, Avi
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/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
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/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
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/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
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Query Match 0.3%; Score 15.2; DB 1; Length 20;  
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCGTGGAGGCCACGCG 5215  
DB 20 TCAGCGTGAAGGCCACGCG 1

RESULT 600  
US-09-999-831A-577/c  
;; Sequence 577, Application US/09999831A  
;; Publication No. US20040048332A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ashkenazi, Avi  
;; APPLICANT: Baker Kevin P.  
;; APPLICANT: Botstein, David  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Eaton, Dan  
;; APPLICANT: Ferrara, Napoleon  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Geritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Kijavita, Iyar U.  
;; APPLICANT: Kuo, Sophia S.  
;; APPLICANT: Napier, Mary A.  
;; APPLICANT: Pan, James  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: Roy, Margaret Ann

```
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C68
/ CURRENT FILING DATE: 2002-03-25
/ NUMBER OF SEQ ID NOS: 624
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-999-831A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5196 TCAGCGTGCGAGCGCCACGCG 5215
Db 20 TCAGGTGTAAGGCGCACGCG 1

RESULT 601
US-09-994-701B-5
/ Sequence 5, Application US/09994701B
/ Publication No. US20040152076A1
/ GENERAL INFORMATION:
/ APPLICANT: Richard C. Wilson and Jason C. Murphy
/ TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL AFFINITY CHROMATO
/ FILE REFERENCE: 96605/13UTL
/ CURRENT FILING DATE: 2001-11-06
/ PRIOR FILING DATE: 2000-11-06
/ PRIOR APPLICATION NUMBER: 60/246292
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 5
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide Sequence
US-09-994-701B-5

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAATACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 602
US-09-994-701B-6/c
/ Sequence 6, Application US/09994701B
/ Publication No. US20040152076A1
/ GENERAL INFORMATION:
/ APPLICANT: Richard C. Wilson and Jason C. Murphy
/ TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL AFFINITY CHROMATO
/ FILE REFERENCE: 96605/13UTL
/ CURRENT FILING DATE: 2001-11-06
/ PRIOR FILING DATE: 2000-11-06
/ PRIOR APPLICATION NUMBER: 60/246292
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: PatentIn version 3.1
```

```
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 6
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide Sequence
US-09-994-701B-6

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAATACAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 603
US-10-208-357-26
/ Sequence 26, Application US/10208357
/ Publication No. US20020182687A1
/ GENERAL INFORMATION:
/ APPLICANT: Kurtz, Markus
/ APPLICANT: Lohse, Peter
/ APPLICANT: Wagner, Richard
/ TITLE OF INVENTION: Peptide Acceptor Ligation Methods
/ FILE REFERENCE: 50036/031002
/ CURRENT FILING DATE: 2002-07-30
/ PRIOR FILING DATE: 2000-07-19
/ PRIOR APPLICATION NUMBER: US/09/619,103
/ PRIOR FILING DATE: 2000-07-19
/ PRIOR APPLICATION NUMBER: 60/145,834
/ NUMBER OF SEQ ID NOS: 26
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 26
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-26

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5393 AAAAAAATACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 604
US-10-051-643-83
/ Sequence 83, Application US/10051643
/ Publication No. US20020197265A1
/ GENERAL INFORMATION:
/ APPLICANT: Watson, James D.
/ APPLICANT: Tan, Paul L. J.
/ TITLE OF INVENTION: Methods and Compounds for the Treatment
/ TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory
/ FILE REFERENCE: 11000.1008C2
/ CURRENT FILING DATE: 2002-01-18
/ PRIOR FILING DATE: 1998-09-17
/ PRIOR APPLICATION NUMBER: US09/156,181
/ PRIOR FILING DATE: 1997-12-23
/ PRIOR APPLICATION NUMBER: US 08/996,624
/ NUMBER OF SEQ ID NOS: 208
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 83
```

LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Made in a lab  
US-10-051-643-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAA 5412  
|||||  
DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 605  
US-10-025-201-13

Sequence 13, Application US/10025201  
Publication No. US20030003468A1  
GENERAL INFORMATION:

APPLICANT: Crow, Mary K.

TITLE OF INVENTION: MARKERS FOR DISEASE SUSCEPTIBILITY AND TARGETS FOR THERAPY

FILE REFERENCE: 5983/2H567

CURRENT APPLICATION NUMBER: US/10/025,201

CURRENT FILING DATE: 2001-12-19

PRIOR APPLICATION NUMBER: 60/256,673

PRIOR FILING DATE: 2000-12-19

NUMBER OF SEQ ID NOS: 15

SOFTWARE: Patentin version 3.1

SEQ ID NO 13

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR primer

US-10-025-201-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3590 ATGTTGCTCAGGCTATCTC 3609  
|||||  
DB 1 ATGTTGCCAGGCTATCTC 20

RESULT 606  
US-10-176-055-11

Sequence 11, Application US/10176055  
Publication No. US20030013109A1  
GENERAL INFORMATION:

APPLICANT: Evident Technologies

TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents

FILE REFERENCE: 11729/26

CURRENT APPLICATION NUMBER: US/10/176,055

CURRENT FILING DATE: 2002-06-21

PRIOR APPLICATION NUMBER: 60/299,460

PRIOR FILING DATE: 2001-06-21

NUMBER OF SEQ ID NOS: 11

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 11

LENGTH: 20

TYPE: DNA

ORGANISM: Unknown Organism

FEATURE:

OTHER INFORMATION: Description of Unknown Organism: Target sequence

FEATURE:

OTHER INFORMATION: Target sequence that is desired to be detected and

OTHER INFORMATION: that has a nucleotide sequence that is

OTHER INFORMATION: complementary to the sequence of complementary

OTHER INFORMATION: probe of hairpin loop assembly

US-10-176-055-11

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAA 5412  
|||||  
DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 607  
US-10-057-550-126/c

Sequence 126, Application US/10057550  
Publication No. US20030032607A1  
GENERAL INFORMATION:

APPLICANT: Monis, Brett P.

TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression

FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/10/057,550

CURRENT FILING DATE: 2002-01-25

PRIOR APPLICATION NUMBER: 09/506,073

PRIOR FILING DATE: 2000-02-18

PRIOR APPLICATION NUMBER: US 09/143,214

PRIOR FILING DATE: 1998-08-28

PRIOR APPLICATION NUMBER: PCT/US98/13961

PRIOR FILING DATE: 1998-07-06

PRIOR APPLICATION NUMBER: US 08/888,982

PRIOR FILING DATE: 1997-07-07

PRIOR APPLICATION NUMBER: US 08/756,806

PRIOR FILING DATE: 1996-11-26

PRIOR APPLICATION NUMBER: PCT/US95/07111

PRIOR FILING DATE: 1995-05-31

PRIOR APPLICATION NUMBER: US 08/250,856

PRIOR FILING DATE: 1994-05-31

NUMBER OF SEQ ID NOS: 130

SEQ ID NO 126

LENGTH: 20

TYPE: DNA

ORGANISM: artificial sequence

FEATURE:

OTHER INFORMATION: antisense sequence

US-10-057-550-126

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAAAATACAAAAGAAA 5431  
|||||  
DB 20 AAAAAATACAAAAGAAA 1

RESULT 608  
US-10-117-267-1/c

Sequence 1, Application US/10117267  
Publication No. US20030045698A1  
GENERAL INFORMATION:

APPLICANT: Manoharan, Muthiah

APPLICANT: Maier, Ph.D., Martin A.

TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back

FILE REFERENCE: ISIS-5039

CURRENT APPLICATION NUMBER: US/10/117,267

CURRENT FILING DATE: 2002-04-05

PRIOR APPLICATION NUMBER: 09/726,096

PRIOR FILING DATE: 2000-11-29

PRIOR APPLICATION NUMBER: 09/250,075

PRIOR FILING DATE: 1999-02-12

NUMBER OF SEQ ID NOS: 12

SOFTWARE: Patentin version 3.1

SEQ ID NO 1

LENGTH: 20

TYPE: DNA

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-10-117-267-1

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAGAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 609
US-10-017-081A-577/C
; Sequence 577, Application US/10017081A
; Publication No. US20030049684A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Wei-Qiang
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC69
; CURRENT APPLICATION NUMBER: US/10/017,081A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-081A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGACCGTG 5215
DB      20 TCAGTGTGAAGGCCACGTC 1
```

```

RESULT 610
US-10-112-653-218/C
; Sequence 218, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Berg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 218
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-112-653-218

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAGAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 611
US-10-112-653-533/C
; Sequence 533, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Berg, Daniel J.
; APPLICANT: Kriegl, Arthur M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 533
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-112-653-533

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAGAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 612
US-10-112-653-537
; Sequence 537, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
```

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/ APPLICANT: Berg, Daniel J.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
/ FILE REFERENCE: C01039/70060(AMS)
/ CURRENT APPLICATION NUMBER: US/10/112,653
/ PRIOR FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 60/279,642
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 537
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-537

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 613
US-10-112-653-745/c
/ Sequence 745, Application US/10112653
/ Publication No. US20030050268A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieger, Arthur W.
/ APPLICANT: Berg, Daniel J.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
/ FILE REFERENCE: C01039/70060(AMS)
/ CURRENT APPLICATION NUMBER: US/10/112,653
/ PRIOR FILING DATE: 2002-03-29
/ PRIOR APPLICATION NUMBER: US 60/279,642
/ NUMBER OF SEQ ID NOS: 1040
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 745
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-745

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5129 AGAATAGGAGGAGCATGGA 5148
DB 20 AGAATCAGGAGCATGGA 1

RESULT 614
US-10-077-383-5
/ Sequence 5, Application US/10077383
/ Publication No. US2003005044A1
/ GENERAL INFORMATION:
/ APPLICANT: Haydock, Paul V.
/ APPLICANT: U'Ren, Jack
/ TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
/ FILE REFERENCE: 018048-001710US
/ CURRENT APPLICATION NUMBER: US/10/077,383
/ CURRENT FILING DATE: 2002-02-15
```

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/ PRIOR APPLICATION NUMBER: US 60/296,812
/ PRIOR FILING DATE: 2001-06-07
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 5
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: (A)-12-20
/ NAME/KEY: modified base
/ LOCATION: (13)..(20)
/ OTHER INFORMATION: a at positions 13-20 may be present or absent
US-10-077-383-5

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 615
US-10-077-383-6/c
/ Sequence 6, Application US/10077383
/ Publication No. US2003005044A1
/ GENERAL INFORMATION:
/ APPLICANT: Haydock, Paul V.
/ APPLICANT: U'Ren, Jack
/ TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
/ FILE REFERENCE: 018048-001710US
/ CURRENT APPLICATION NUMBER: US/10/077,383
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US 60/296,812
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 6
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: (T)-12-20
/ NAME/KEY: modified base
/ LOCATION: (13)..(20)
/ OTHER INFORMATION: t at positions 13-20 may be present or absent
US-10-077-383-6

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAGAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 616
US-10-017-995-226/c
/ Sequence 226, Application US/10017995
/ Publication No. US20030055014A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
/ FILE REFERENCE: C1037/7025 (HCL/MAT)
```

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; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-226

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 617
US-10-017-995-556/c
; Sequence 556, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-556

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 618
US-10-017-995-560
; Sequence 560, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 560
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-560
```

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; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-560

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 619
US-10-017-995-772/c
; Sequence 772, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 772
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-772

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5129 AGGAATAGAGGACATGCA 5148
Db 20 AGGATCAGAGCGACATGCA 1

RESULT 620
US-10-167-749-577/c
; Sequence 577, Application US/10167749
; Publication No. US20030056137A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deamoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Geo, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

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/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC60
/ CURRENT APPLICATION NUMBER: US/10/167,749
/ PRIOR FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-167-749-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCTGGAGGCGCACGTG 5215
DB      20 TCAGTGTGAAGGCCACGTG 1

RESULT 621
US-10-158-160A-48/c
/ Sequence 48, Application US/10158160A
/ Publication No. US20030059805A1
/ GENERAL INFORMATION:
/ APPLICANT: RAPPOLD-HOERNBRAND, GUDRUN
/ APPLICANT: RAO, EROLD
/ TITLE OF INVENTION: HUMAN GROWTH GENE AND SHORT STATURE GENE REGION
/ FILE REFERENCE: 108351-00004
/ CURRENT APPLICATION NUMBER: US/10/158,160A
/ CURRENT FILING DATE: 2002-08-20
/ PRIOR APPLICATION NUMBER: 09/147,699
/ PRIOR FILING DATE: 1999-06-24
/ PRIOR APPLICATION NUMBER: PCT/EP97/05355
/ PRIOR FILING DATE: 1997-09-29
/ PRIOR APPLICATION NUMBER: 60/027,633
/ PRIOR FILING DATE: 1996-10-01
/ PRIOR APPLICATION NUMBER: EP/97100583.0
/ PRIOR FILING DATE: 1997-01-16
/ NUMBER OF SEQ ID NOS: 55
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 48
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-158-160A-48
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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3991 GAGCCTGGAGCTGTGGAAC 4010
DB      20 GAGCCTGGAGCTGTGGAAC 1

RESULT 622
US-10-013-921A-577/c
/ Sequence 577, Application US/10013921A
/ Publication No. US20030068648A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tomas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC84
/ CURRENT APPLICATION NUMBER: US/10/013,921A
/ CURRENT FILING DATE: 2002-03-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
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RESULT 623  
US-10-013-929A-577/c  
Sequence 577, Application US/10013929A  
Publication No. US20030072745A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deemeyer, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Flvarooff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Auein L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: KJavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC89  
CURRENT APPLICATION NUMBER: US/10/013,929A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065111  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
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PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-03-30  
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PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-09  
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PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
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PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
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PRIOR FILING DATE: 1998-04-21  
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PRIOR FILING DATE: 1998-04-22  
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PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495

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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      5196 TCAGGTGGAGGCCACGCG 5215
      ||||| ||||| ||||| |||||
DB      20 TCAGGTGAAGGCCACGCG 1
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RESULT 624
US-10-016-177A-577/C
; Sequence 577, Application US/10016177A
; Publication No. US20030073131A1
; GENERAL INFORMATION:
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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertelsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James I.
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C90
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-016-177A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      5196 TCAGGTGGAGGCCACGCG 5215
      ||||| ||||| ||||| |||||
DB      20 TCAGGTGAAGGCCACGCG 1
```

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RESULT 625
US-10-188-405-18/C
; Sequence 18, Application US/10188405
; Publication No. US20030082585A1
; GENERAL INFORMATION:
; APPLICANT: Tian, Hui
; APPLICANT: Dai, Kang
; APPLICANT: Chen, Jin-long
; APPLICANT: Zhao, Jigang
; APPLICANT: Cutler, Gene
; APPLICANT: Tularik Inc.
; TITLE OF INVENTION: No. US20030082585A1 Receptors
; FILE REFERENCE: 018781-008410US
; CURRENT APPLICATION NUMBER: US/10/188,405
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: US 60/302,800
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: TCR118 RT-PCR
US-10-188-405-18
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1431 TGTGAGGAGAAATCGAGAC 1450
DB      20  TGTGAGGAGAAATGAGGCC 1

RESULT 626
US-10-194-138-32
; Sequence 32, Application US/10194138
; Publication No. US20030082588A1
; GENERAL INFORMATION:
; APPLICANT: Nanosphere, Inc.
; TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
; FILE REFERENCE: 01-897-B
; CURRENT APPLICATION NUMBER: US/10/194,138
; PRIOR FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/363472
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/305369
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: "a20" oligonucleotide probe
US-10-194-138-32
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATCAAAAAAGAA 5412
DB      1  AAAAAAAAAAAAAAAAAA 20

RESULT 627
US-10-008-978-55
; Sequence 55, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; PRIOR FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
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; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-10-008-978-55
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATCAAAAAAGAA 5412
DB      1  AAAAAAAAAAAAAAAAAA 20

RESULT 628
US-10-008-978-70
; Sequence 70, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; PRIOR FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 09/927,777
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/ PRIOR FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: 09/820,279
/ PRIOR FILING DATE: 2001-03-28
/ PRIOR APPLICATION NUMBER: 09/760,500
/ PRIOR FILING DATE: 2001-01-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/176,409
/ PRIOR FILING DATE: 2000-01-13
/ PRIOR APPLICATION NUMBER: 60/192,699
/ PRIOR FILING DATE: 2000-03-28
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ PRIOR APPLICATION NUMBER: 60/213,906
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 60/224,631
/ PRIOR FILING DATE: 2000-08-11
/ PRIOR APPLICATION NUMBER: 60/254,392
/ PRIOR FILING DATE: 2000-12-08
/ PRIOR APPLICATION NUMBER: 60/254,418
/ PRIOR FILING DATE: 2000-12-08
/ PRIOR APPLICATION NUMBER: 60/255,235
/ PRIOR FILING DATE: 2000-12-11
/ PRIOR APPLICATION NUMBER: 60/255,236
/ PRIOR FILING DATE: 2000-12-11
/ PRIOR APPLICATION NUMBER: 60/282,640
/ PRIOR FILING DATE: 2000-04-01
/ NUMBER OF SEQ ID NOS: 76
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 70
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-10-008-978-70

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No.7,2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      5393 AAAAAATTCAAAAAGAAA 5412
      ||||| ||||| ||||| |||||
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 629
US-10-166-709A-577/c
/ Sequence 577, Application US/10166709A
/ Publication No. US20030104536A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Geritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.

/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Guiney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: KJavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Par, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C59
/ CURRENT APPLICATION NUMBER: US/10/166,709A
/ CURRENT FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078939
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079663
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/079923
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080107
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080165
/ PRIOR FILING DATE: 1998-03-31
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PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414

PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGAGGAGCCACGTG 5215  
DB 20 TCAGGTGAGGAGCCACGTG 1

RESULT 630  
US-10-188-404-66/C  
Sequence 66, Application US/10188404  
Publication No. US20030105286A1  
GENERAL INFORMATION:  
APPLICANT: Behnke, Michael  
APPLICANT: Nielsen, Peter  
APPLICANT: Buchardt, Ole  
APPLICANT: Dueholm, Kim L.  
APPLICANT: Christensen, Leif  
APPLICANT: Coull, James M.  
APPLICANT: Kieley, John  
APPLICANT: Griffith, Michael  
TITLE OF INVENTION: Linked Peptide Nucleic Acids  
FILE REFERENCE: IS165042  
CURRENT APPLICATION NUMBER: US/10/188,404  
CURRENT FILING DATE: 2002-07-01  
PRIOR APPLICATION NUMBER: 08/275,951  
PRIOR FILING DATE: 1994-07-15  
PRIOR APPLICATION NUMBER: 08/765,798  
PRIOR FILING DATE: 1997-04-23  
NUMBER OF SEQ ID NOS: 69  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 66  
LENGTH: 20

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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
/
/ NAME/KEY: misc_feature
/ LOCATION: (10)..(11)
/ OTHER INFORMATION: Amino Hexanoic Acid, Amino Ethyl Glycine,
US-10-188-404-66
/ OTHER INFORMATION: Acetyl, Amino Hexanoic Acid Linkage
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5393 AAAAATACAAAAAGAA 5412
DB 20 AAAAAAAAAAAAAAAAAA 1
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```
RESULT 631
US-10-046-313-18
/ Sequence 18, Application US/10046313
/ Publication No. US20030113736A1
/ GENERAL INFORMATION:
/ APPLICANT: YOKOYAMA, AKIHIRO
/ TITLE OF INVENTION: Oligonucleotides for Detecting Salmonella and Method of Detecting
FILE REFERENCE: 210203US0
/ CURRENT APPLICATION NUMBER: US/10/046,313
/ CURRENT FILING DATE: 2002-10-01
/ PRIOR APPLICATION NUMBER: JP 2001-009464
/ NUMBER OF SEQ ID NOS: 29
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 18
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: ARTIFICIAL SEQUENCE
/ FEATURE:
/ OTHER INFORMATION: SYNTHETIC DNA
US-10-046-313-18
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 2122 ATGAAGCGAAGAAACT 2141
DB 1 ATGAAGCGTAAAGAAAGCT 20
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```
RESULT 632
US-10-234-764-10/C
/ Sequence 10, Application US/10234764
/ Publication No. US20030113769A1
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Lomberg, Harri
/ APPLICANT: Salo, Harri
/ APPLICANT: Vitra, Pasi
/ TITLE OF INVENTION: Aminooxy Functionalized Oligomers
FILE REFERENCE: ISIS5089
/ CURRENT APPLICATION NUMBER: US/10/234,764
/ CURRENT FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
/ PRIOR APPLICATION NUMBER: 09/344,260
/ PRIOR FILING DATE: 1999-06-25
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 10
/ LENGTH: 20
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```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-234-764-10
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```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5393 AAAAATACAAAAAGAA 5412
DB 20 AAAAAAAAAAAAAAAAAA 1
```

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RESULT 633
US-10-173-225B-104/C
/ Sequence 104, Application US/10173225B
/ Publication No. US20030119769A1
/ GENERAL INFORMATION:
/ APPLICANT: Monia, Brett P.
/ TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
FILE REFERENCE: ISPH-0665
/ CURRENT APPLICATION NUMBER: US/10/173,225B
/ CURRENT FILING DATE: 2002-12-06
/ PRIOR APPLICATION NUMBER: US 10/057,550
/ PRIOR FILING DATE: 2002-01-25
/ PRIOR APPLICATION NUMBER: US 09/143,214
/ PRIOR FILING DATE: 1998-08-28
/ PRIOR APPLICATION NUMBER: PCT/US98/13961
/ PRIOR FILING DATE: 1998-07-06
/ PRIOR APPLICATION NUMBER: US 08/888,982
/ PRIOR FILING DATE: 1997-07-07
/ PRIOR APPLICATION NUMBER: US 08/756,806
/ PRIOR FILING DATE: 1996-11-26
/ PRIOR APPLICATION NUMBER: PCT/US95/07111
/ PRIOR FILING DATE: 1995-05-31
/ PRIOR APPLICATION NUMBER: US 08/250,856
/ PRIOR FILING DATE: 1994-05-31
/ NUMBER OF SEQ ID NOS: 109
/ SEQ ID NO 104
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: antisense sequence
US-10-173-225B-104
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5412 AAAATGAATAATGAATA 5431
DB 20 AAAAGAAATTAATGAACA 1
```

```
RESULT 634
US-10-010-002-61/C
/ Sequence 61, Application US/10010002
/ Publication No. US20030125277A1
/ GENERAL INFORMATION:
/ APPLICANT: Brenda P. Baker
/ APPLICANT: Kenneth Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS
FILE REFERENCE: KTS-0331
/ CURRENT APPLICATION NUMBER: US/10/010,002
/ CURRENT FILING DATE: 2001-11-08
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 61
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
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```

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-010-002-61

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3958 ATGATGCGAGGCGCTCTGCT 3977
DB 20 ATGATGCGAGGCGCTCTGCTT 1

RESULT 635
US-10-255-434-14/C
; Sequence 14, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; FEATURE:
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-14

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATTCAGAAAAGAAA 5412
DB 20 AAAAAAATTCAGAAAAGAAA 1

RESULT 636
US-10-255-434-26
; Sequence 26, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
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```

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-26

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATTCAGAAAAGAAA 5412
DB 1 AAAAAAATTCAGAAAAGAAA 20

RESULT 637
US-10-143-031A-577/C
; Sequence 577, Application US/10143031A
; Publication No. US20030138439A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C39
; CURRENT APPLICATION NUMBER: US/10/143,031A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
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SEQ ID NO 577  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-143-031A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCACGCTGAGGAGCCACGCG 5215  
DB 20 TCAGTGTGAAAGGCCACGCG 1

RESULT 638  
US-10-027-983-90  
Sequence 90, Application US/10027983  
Publication No. US20030139360A1  
GENERAL INFORMATION:  
APPLICANT: Kenneth W. Dobie  
APPLICANT: Mark P. Roach  
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION  
FILE REFERENCE: RTS-0340  
CURRENT APPLICATION NUMBER: US/10/027,983  
CURRENT FILING DATE: 2001-12-18  
NUMBER OF SEQ ID NOS: 98  
SEQ ID NO 90  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-027-983-90

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3639 AATTGCTGAGATTGCAGAG 3658  
DB 1 AAGTGTGAGATTACGAGTG 20

RESULT 639  
US-10-278-047-1/C  
Sequence 1, Application US/10278047  
Publication No. US20030143591A1  
GENERAL INFORMATION:  
APPLICANT: Davies, Martin  
APPLICANT: Bruce, Ian  
APPLICANT: Wolter, Andreas  
TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEIC  
FILE REFERENCE: PRO. 07  
CURRENT APPLICATION NUMBER: US/10/278,047  
CURRENT FILING DATE: 2002-10-21  
PRIOR APPLICATION NUMBER: 60/336,432  
PRIOR FILING DATE: 2001-10-19  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 1  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: Synthetic Nucleic Acid Probe  
NAME/KEY: misc\_feature  
LOCATION: (1)..(20)  
US-10-278-047-1

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAAAGAGAA 5412  
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 640  
US-10-143-030A-577/C  
Sequence 577, Application US/10143030A  
Publication No. US20030147901A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary B.  
APPLICANT: Goddard, Audrey  
APPLICANT: Grimaldi, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C3  
CURRENT APPLICATION NUMBER: US/10/143,030A  
CURRENT FILING DATE: 2002-08-27  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 577  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence



FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-143-030A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCTGGAGGCCACGTG 5215  
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DB 20 TCAGTGTGAAGGCCACGTG 1

RESULT 641  
US-10-002-967A-577/c  
Sequence 577, Application US/10002967A  
Publication No. US20030148373A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gertlisen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillen, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids  
FILE REFERENCE: P2630P1C72  
CURRENT APPLICATION NUMBER: US/10/002,967A  
CURRENT FILING DATE: 2001-10-24  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886

PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
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PRIOR APPLICATION NUMBER: 60/080334  
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PRIOR FILING DATE: 1998-04-08  
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PRIOR APPLICATION NUMBER: 60/081838  
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PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22



```
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C46
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US/10/145,128A
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PAM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 577
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-128A-577
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 3; Indels 0; Gaps 0;
QY 5196 TCAGCGTGGAGGCCACGTG 5215
DB 20 TCAGGTGTGAAAGGCCACGTG 1
RESULT 644
US-10-371-066-16/C
Sequence 16, Application US/10371066
Publication No. US20030162214A1
GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
MICROELECTRONIC SYSTEMS AND DEVICES FOR
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MOLECULAR BIOLOGICAL ANALYSIS AND
DIAGNOSTICS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/371,066
FILING DATE: 21-Feb-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/146,504
FILING DATE: No. US20030162214A1ember 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-371-066-16
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATCAAAAAGANA 5412
DB 20 AAAAAAAAAAAAAAAAAA 1
RESULT 645
US-10-054-789-19/C
Sequence 19, Application US/10054789
Publication No. US20030162290A1
GENERAL INFORMATION:
APPLICANT: Kazuomo Inoue et al.
TITLE OF INVENTION: METHOD FOR INDUCING DIFFERENTIATION OF EMBRYONIC STEM CELLS INTO
FUNCTIONING CELLS
FILE REFERENCE: 0020-4954P
CURRENT APPLICATION NUMBER: US/10/054,789
CURRENT FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 28
SEQ ID NO 19
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
US-10-054-789-19
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2523 GCATCAACCAACGTTTC 2542
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Db 20 GGCAATCAACACACATTTC 1

RESULT 646  
US-10-017-191A-577/c  
Sequence 577, Application US/10017191A  
Publication No. US20030170254A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnayers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC62  
CURRENT APPLICATION NUMBER: US/10/017,191A  
CURRENT FILING DATE: 2001-10-24  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
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PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25

PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
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PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392

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/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083495
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083496
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/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
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/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
/

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      5196 TCAGCGTGGAGGCCACGCG 5215
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Db      20 TCAGTGTGAAGGCCACGCG 1
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RESULT 647
US-10-143-028A-577/c
/ Sequence 577, Application US/10143028A
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/ Publication No. US20030180310A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC37
/ CURRENT APPLICATION NUMBER: US/10/143,028A
/ PRIOR FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-143-028A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      5196 TCAGCGTGGAGGCCACGCG 5215
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Db      20 TCAGTGTGAAGGCCACGCG 1
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RESULT 648  
US-10-143-029A-577/C  
Sequence 577, Application US/10143029A  
Publication No. US20030180311A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary B.  
APPLICANT: Goddard, Audrey J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC54  
CURRENT APPLICATION NUMBER: US/10/143,029A  
CURRENT FILING DATE: 2001-10-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27

PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
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PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
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PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496

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/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083499
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083545
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083554
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083558
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083559
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083500
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/083742
/ PRIOR FILING DATE: 1998-04-30
/ PRIOR APPLICATION NUMBER: 60/084366
/ PRIOR FILING DATE: 1998-05-05
/ PRIOR APPLICATION NUMBER: 60/084414
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084637
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084639
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084640
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084627
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084643
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/085339
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085338
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085582
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085700
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085580
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

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QY      5196 TCAGGTGGAGGCGCAGTG 5215
DB      20 TCAGGTGAAAGCGCAGTG 1
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RESULT 649
US-10-410-324-55:
/ Sequence 55, Application US/101410324
/ Publication No. US20030180783A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
```

```
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-126
/ CURRENT APPLICATION NUMBER: US/10/410,324
/ CURRENT FILING DATE: 2003-04-09
/ PRIOR APPLICATION NUMBER: 09/961,949
/ PRIOR FILING DATE: 2001-09-20
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: random
US-10-410-324-55
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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      5393 AAAAAATTCAAAAAGAAA 5412
DB      1 AAAAAAAAAAAAAAAAAAAAAA 20
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RESULT 650
US-10-145-089A-577/C
/ Sequence 577, Application US/10145089A
/ Publication No. US20030180867A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
```

```
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C31
/ CURRENT APPLICATION NUMBER: US/10/145,089A
/ PRIOR FILING DATE: 2002-09-04
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-089A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5196 TCAGCGTGGAGGCCACGCG 5215
      ||||| ||||| ||||| |||||
      20 TCAGTGTGAAGGCCACGCG 1

RESULT 651
US-10-032-585-4750
/ Sequence 4750, Application US/10032585
/ Publication No. US20030180953A1
/ GENERAL INFORMATION:
/ APPLICANT: Terry, Roemer D.
/ APPLICANT: Bo, Jlang
/ APPLICANT: Charles, Boone
/ APPLICANT: Howard, Bussey
/ TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
/ FILE REFERENCE: 10182-005-999
/ CURRENT APPLICATION NUMBER: US/10/032,585
/ PRIOR FILING DATE: 2001-12-20
/ NUMBER OF SEQ ID NOS: 8000
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 4750
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Candida albicans
US-10-032-585-4750

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5070 TCATCTGTGTGGCCACGACGAG 5089
      ||||| ||||| ||||| |||||
```

```
Db      1 TCTTCTGTGTGGCCATGCGAG 20

RESULT 652
US-10-165-067A-577/C
/ Sequence 577, Application US/10165067A
/ Publication No. US20030185841A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Deenoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gottlieb, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gutney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James J.
/ APPLICANT: Paoni, Nicholas P.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C42
/ CURRENT APPLICATION NUMBER: US/10/165,067A
/ PRIOR FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-067A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-728A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5196 TCAGCGTGGAGGCCACGCGT 5215
          ||||| ||||| ||||| |||||
          ||||| ||||| ||||| |||||
Db      20 TCAGGTGAAAGCCACGCGT 1

RESULT 655
US-10-013-926A-577/c
/ Sequence 577, Application US/10013926A
/ Publication No. US20030187241A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gottlieb, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C80
/ CURRENT APPLICATION NUMBER: US/10/013,926A
/ CURRENT FILING DATE: 2002-09-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-926A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5196 TCAGCGTGGAGGCCACGCGT 5215
          ||||| ||||| ||||| |||||
          ||||| ||||| ||||| |||||
Db      20 TCAGGTGAAAGCCACGCGT 1

RESULT 656
US-10-165-247A-577/c
/ Sequence 577, Application US/10165247A
/ Publication No. US20030190321A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gottlieb, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C41
/ CURRENT APPLICATION NUMBER: US/10/165,247A
/ CURRENT FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
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/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-247A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGTG 5215
DB      20 TCAGTGTGMAAGGCCACGTG 1

RESULT 657
US-10-145-124A-577/C
/ Sequence 577, Application US/10145124A
/ Publication No. US20030190701A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flivaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Thomas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C44
/ CURRENT APPLICATION NUMBER: US/10/145,124A
/ PRIOR FILING DATE: 2002-08-30
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
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/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-124A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGTG 5215
DB      20 TCAGTGTGMAAGGCCACGTG 1

RESULT 658
US-10-160-502A-577/C
/ Sequence 577, Application US/10160502A
/ Publication No. US20030190703A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flivaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Thomas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C57
/ CURRENT APPLICATION NUMBER: US/10/160,502A
/ PRIOR FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
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/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-160-502A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGCGCCACGTG 5215
Db      20 TCAGTGTGAAAGCCACGTG 1

RESULT 659
US-10-145-087A-577/c
/ Sequence 577, Application US/10145087A
/ Publication No. US20030194410A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Guiney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C47
/ CURRENT APPLICATION NUMBER: US/10/145,087A
/ PRIOR FILING DATE: 2001-10-18
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
```

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/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-087A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGCGCCACGTG 5215
Db      20 TCAGTGTGAAAGCCACGTG 1

RESULT 660
US-10-401-343-66
/ Sequence 66, Application US/10401343
/ Publication No. US20030194735A1
/ GENERAL INFORMATION:
/ APPLICANT: Barnett, Charles J
/ APPLICANT: Beck, James J
/ TITLE OF INVENTION: Detection of Wheat and Barley Fungal Pathogens which are
/ TITLE OF INVENTION: Resistant To Certain Fungicides Using The Polymerase Chain
/ FILE REFERENCE: 70008USNP
/ CURRENT APPLICATION NUMBER: US/10/401,343
/ PRIOR FILING DATE: 2003-03-27
/ PRIOR APPLICATION NUMBER: 60/369,796
/ PRIOR FILING DATE: 2002-04-03
/ NUMBER OF SEQ ID NOS: 77
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 66
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: primer
/ FEATURES:
/ NAME/KEY: misc feature
/ LOCATION: (1)..(20)
US-10-401-343-66

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      855 CACCTCCACCGCAGTGTAA 874
Db      1 CACTTCCACGCGCAGTGTAA 20

RESULT 661
US-10-017-086A-577/c
/ Sequence 577, Application US/10017086A
/ Publication No. US20030194744A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
```

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; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC28
; CURRENT APPLICATION NUMBER: US/10/017,086A
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-086A-577
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      5196 TCAGCGTGAGAGCCACGCG 5215
DB      20 TCAGTGTGAAGGCCACGCG 1
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RESULT 662
US-10-164-829A-577/c
; Sequence 577, Application US/10164829A
; Publication No. US20030194780A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
```

```

; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC28
; CURRENT APPLICATION NUMBER: US/10/164,829A
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-829A-577
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCGTGAGAGCCACGCG 5215
DB      20 TCAGTGTGAAGGCCACGCG 1
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```

RESULT 663
US-10-164-929A-577/c
; Sequence 577, Application US/10164929A
; Publication No. US20030194781A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
```

```
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C36
/ CURRENT FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-164-929A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGTGTGAAGGCCACGCG 1

RESULT 664
US-10-013-922A-577/c
/ Sequence 577, Application US/10013922A
/ Publication No. US20030195345A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
```

```
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C81
/ CURRENT FILING DATE: 2001-10-25
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ PRIOR APPLICATION NUMBER: 60/078004
/ PRIOR FILING DATE: 1998-03-13
/ PRIOR APPLICATION NUMBER: 60/078886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078939
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079663
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/079923
/ PRIOR FILING DATE: 1998-03-30
/ PRIOR APPLICATION NUMBER: 60/080105
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080107
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080165
/ PRIOR FILING DATE: 1998-03-31
/ PRIOR APPLICATION NUMBER: 60/080194
/ PRIOR FILING DATE: 1998-03-31
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PRIOR APPLICATION NUMBER: 60/080327  
 PRIOR FILING DATE: 1998-04-01  
 PRIOR APPLICATION NUMBER: 60/080328  
 PRIOR FILING DATE: 1998-04-01  
 PRIOR APPLICATION NUMBER: 60/080333  
 PRIOR FILING DATE: 1998-04-01  
 PRIOR APPLICATION NUMBER: 60/080334  
 PRIOR FILING DATE: 1998-04-01  
 PRIOR APPLICATION NUMBER: 60/081070  
 PRIOR FILING DATE: 1998-04-08  
 PRIOR APPLICATION NUMBER: 60/081049  
 PRIOR FILING DATE: 1998-04-08  
 PRIOR APPLICATION NUMBER: 60/081071  
 PRIOR FILING DATE: 1998-04-08  
 PRIOR APPLICATION NUMBER: 60/081195  
 PRIOR FILING DATE: 1998-04-08  
 PRIOR APPLICATION NUMBER: 60/081203  
 PRIOR FILING DATE: 1998-04-09  
 PRIOR APPLICATION NUMBER: 60/081229  
 PRIOR FILING DATE: 1998-04-09  
 PRIOR APPLICATION NUMBER: 60/081955  
 PRIOR FILING DATE: 1998-04-15  
 PRIOR APPLICATION NUMBER: 60/081817  
 PRIOR FILING DATE: 1998-04-15  
 PRIOR APPLICATION NUMBER: 60/081819  
 PRIOR FILING DATE: 1998-04-15  
 PRIOR APPLICATION NUMBER: 60/081952  
 PRIOR FILING DATE: 1998-04-15  
 PRIOR APPLICATION NUMBER: 60/081838  
 PRIOR FILING DATE: 1998-04-15  
 PRIOR APPLICATION NUMBER: 60/082568  
 PRIOR FILING DATE: 1998-04-21  
 PRIOR APPLICATION NUMBER: 60/082569  
 PRIOR FILING DATE: 1998-04-21  
 PRIOR APPLICATION NUMBER: 60/082704  
 PRIOR FILING DATE: 1998-04-22  
 PRIOR APPLICATION NUMBER: 60/082804  
 PRIOR FILING DATE: 1998-04-22  
 PRIOR APPLICATION NUMBER: 60/082700  
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 PRIOR APPLICATION NUMBER: 60/082796  
 PRIOR FILING DATE: 1998-04-23  
 PRIOR APPLICATION NUMBER: 60/083336  
 PRIOR FILING DATE: 1998-04-27  
 PRIOR APPLICATION NUMBER: 60/083322  
 PRIOR FILING DATE: 1998-04-28  
 PRIOR APPLICATION NUMBER: 60/083392  
 PRIOR FILING DATE: 1998-04-29  
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 PRIOR APPLICATION NUMBER: 60/083500  
 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/083742  
 PRIOR FILING DATE: 1998-04-30  
 PRIOR APPLICATION NUMBER: 60/084366  
 PRIOR FILING DATE: 1998-05-05  
 PRIOR APPLICATION NUMBER: 60/084414  
 PRIOR FILING DATE: 1998-05-06  
 PRIOR APPLICATION NUMBER: 60/084441

PRIOR FILING DATE: 1998-05-06  
 PRIOR APPLICATION NUMBER: 60/084637  
 PRIOR FILING DATE: 1998-05-07  
 PRIOR APPLICATION NUMBER: 60/084639  
 PRIOR FILING DATE: 1998-05-07  
 PRIOR APPLICATION NUMBER: 60/084640  
 PRIOR FILING DATE: 1998-05-07  
 PRIOR APPLICATION NUMBER: 60/084598  
 PRIOR FILING DATE: 1998-05-07  
 PRIOR APPLICATION NUMBER: 60/084600  
 PRIOR FILING DATE: 1998-05-07  
 PRIOR APPLICATION NUMBER: 60/084627  
 PRIOR FILING DATE: 1998-05-07  
 PRIOR APPLICATION NUMBER: 60/084643  
 PRIOR FILING DATE: 1998-05-07  
 PRIOR APPLICATION NUMBER: 60/085339  
 PRIOR FILING DATE: 1998-05-13  
 PRIOR APPLICATION NUMBER: 60/085338  
 PRIOR FILING DATE: 1998-05-13  
 PRIOR APPLICATION NUMBER: 60/085323  
 PRIOR FILING DATE: 1998-05-13  
 PRIOR APPLICATION NUMBER: 60/085582  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085700  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085689  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085579  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085580  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085573  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085704  
 PRIOR FILING DATE: 1998-05-15  
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3% Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGGTGGAGCCGACGTG 5215  
 DB 20 TCAGTGTGAAGCCGACGTG 1

RESULT 665  
 US-10-020-445A-577/c  
 Sequence 577, Application US/10020445A  
 Publication No. US20030198994A1  
 GENERAL INFORMATION:  
 APPLICANT: Ashkenazi, Avi  
 APPLICANT: Baker Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Baton, Dan  
 APPLICANT: Ferrara, Napoleon  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerber, Hanspeter  
 APPLICANT: Gerltzen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Grimaldi, J. Christopher  
 APPLICANT: Guiney, Austin L.  
 APPLICANT: Hillan, Kenneth J.  
 APPLICANT: Kijavitt, Iyar J.  
 APPLICANT: Kuo, Sophia S.  
 APPLICANT: Napier, Mary A.  
 APPLICANT: Pan, James J.  
 APPLICANT: Paoni, Nicholas F.  
 APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C74  
CURRENT APPLICATION NUMBER: US/10/020,445A  
CURRENT FILING DATE: 2001-10-24  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/06364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/07450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334

PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07



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; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```

Qy      5196 TCAGCGTGGAGGCCACGCG 5215
Db      20 TCAGTGTGAAGGCCACGCG 1
```

```

RESULT 666
US-10-013-924A-577/c
; Sequence 577, Application US/10013924A
; Publication No. US20030199021A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
```

```

; FILE REFERENCE: P2630PIC76
; CURRENT APPLICATION NUMBER: US/10/013.924A
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

Qy      5196 TCAGCGTGGAGGCCACGCG 5215
Db      20 TCAGTGTGAAGGCCACGCG 1
```

```

RESULT 667
US-10-017-084A-577/c
; Sequence 577, Application US/10017084A
; Publication No. US20030203402A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
```

```

; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC66
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US/10/017,084A
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-084A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGTG 5215
DB      20 TCAGTGTGAAGGCCACGTG 1

RESULT 668
US-10-145-016A-577/c
; Sequence 577, Application US/10145016A
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC52
; CURRENT APPLICATION NUMBER: US/10/145,016A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
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```

; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-016A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred.No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGTG 5215
DB      20 TCAGTGTGAAGGCCACGTG 1

RESULT 669
US-10-145-088A-577/c
; Sequence 577, Application US/10145088A
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC49
; CURRENT APPLICATION NUMBER: US/10/145,088A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
```

```

; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-145-088A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGTGTGAAGGCCACGCG 1

RESULT 670
US-10-145-092A-577/c
; Sequence 577, Application US/10145092A
; GENERAL INFORMATION:
; APPLICATION: Ashkenazi, Avi
; APPLICATION: Baker Kevin P.
; APPLICATION: Botstein, David
; APPLICATION: Desnoyers, Luc
; APPLICATION: Eaton, Dan
; APPLICATION: Ferrara, Napoleon
; APPLICATION: Filvaroff, Ellen
; APPLICATION: Fong, Sherman
; APPLICATION: Gao, Wei-Qiang
; APPLICATION: Gerber, Hanspeter
; APPLICATION: Gerltzen, Mary E.
; APPLICATION: Goddard, Audrey
; APPLICATION: Grimaldi, Paul J.
; APPLICATION: Guiney, Austin L.
; APPLICATION: Hillan, Kenneth J.
; APPLICATION: Kijavlin, Ivar J.
; APPLICATION: Kuo, Sophia S.
; APPLICATION: Napier, Mary A.
; APPLICATION: Pan, James
; APPLICATION: Paoni, Nicholas F.
; APPLICATION: Roy, Margaret Ann
; APPLICATION: Shelton, David L.
; APPLICATION: Stewart, Timothy A.
; APPLICATION: Tumas, Daniel
; APPLICATION: Williams, P. Mickey
; APPLICATION: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PlC45
; CURRENT APPLICATION NUMBER: US/10/145,092A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
```

```

; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-145-092A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGTGTGAAGGCCACGCG 1

RESULT 671
US-10-145-129A-577/c
; Sequence 577, Application US/10145129A
; GENERAL INFORMATION:
; APPLICATION: Ashkenazi, Avi
; APPLICATION: Baker Kevin P.
; APPLICATION: Botstein, David
; APPLICATION: Desnoyers, Luc
; APPLICATION: Eaton, Dan
; APPLICATION: Ferrara, Napoleon
; APPLICATION: Filvaroff, Ellen
; APPLICATION: Fong, Sherman
; APPLICATION: Gao, Wei-Qiang
; APPLICATION: Gerber, Hanspeter
; APPLICATION: Gerltzen, Mary E.
; APPLICATION: Goddard, Audrey
; APPLICATION: Godowski, Paul J.
; APPLICATION: Grimaldi, J. Christopher
; APPLICATION: Guiney, Austin L.
; APPLICATION: Hillan, Kenneth J.
; APPLICATION: Kijavlin, Ivar J.
; APPLICATION: Kuo, Sophia S.
; APPLICATION: Napier, Mary A.
; APPLICATION: Pan, James
; APPLICATION: Paoni, Nicholas F.
; APPLICATION: Roy, Margaret Ann
; APPLICATION: Shelton, David L.
; APPLICATION: Stewart, Timothy A.
; APPLICATION: Tumas, Daniel
; APPLICATION: Williams, P. Mickey
; APPLICATION: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PlC51
; CURRENT APPLICATION NUMBER: US/10/145,129A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
```

```
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/07450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/07632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-129A-577
```

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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCGTGGAGGCCACGCG 5215
          ||||| ||||| ||||| |||||
DB      20 TCAGGTGTGAAGGCCACGCG 1
```

```
RESULT 672
US-10-165-038A-577/c
/ Sequence 577, Application US/10165038A
/ Publication No. US20030203441A1
/ GENERAL INFORMATION:
/ APPLICATION: Ashkenazi, Avi
/ APPLICATION: Baker Kevin P.
/ APPLICATION: Botstein, David
/ APPLICATION: Desnoyers, Luc
/ APPLICATION: Baton, Dan
/ APPLICATION: Ferrara, Napoleon
/ APPLICATION: Filvaroff, Ellen
/ APPLICATION: Fong, Sherman
/ APPLICATION: Gao, Wei-Qiang
/ APPLICATION: Gerber, Hanspeter
/ APPLICATION: Gottard, Audrey
/ APPLICATION: Godowski, Paul J.
/ APPLICATION: Grimaldi, J. Christopher
/ APPLICATION: Gurney, Austin L.
/ APPLICATION: Hillan, Kenneth J.
/ APPLICATION: Kijavlin, Ivar J.
/ APPLICATION: Kuo, Sophia S.
/ APPLICATION: Napier, Mary A.
/ APPLICATION: Pan, James;
/ APPLICATION: Paoni, Nicholas F.
/ APPLICATION: Roy, Margaret Ann
/ APPLICATION: Roy, Margaret Ann
/ APPLICATION: Stewart, Timothy A.
/ APPLICATION: Shelton, David L.
/ APPLICATION: Tumas, Daniel
/ APPLICATION: Tumas, P. Mickey
/ APPLICATION: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C29
/ CURRENT APPLICATION NUMBER: US/10/165,038A
```

```
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/07450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-038A-577
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCGTGGAGGCCACGCG 5215
          ||||| ||||| ||||| |||||
DB      20 TCAGGTGTGAAGGCCACGCG 1
```

```
RESULT 673
US-10-165-353A-577/c
/ Sequence 577, Application US/10165353A
/ Publication No. US20030203442A1
/ GENERAL INFORMATION:
/ APPLICATION: Ashkenazi, Avi
/ APPLICATION: Baker Kevin P.
/ APPLICATION: Botstein, David
/ APPLICATION: Desnoyers, Luc
/ APPLICATION: Baton, Dan
/ APPLICATION: Ferrara, Napoleon
/ APPLICATION: Filvaroff, Ellen
/ APPLICATION: Fong, Sherman
/ APPLICATION: Gao, Wei-Qiang
/ APPLICATION: Gerber, Hanspeter
/ APPLICATION: Gottard, Audrey
/ APPLICATION: Godowski, Paul J.
/ APPLICATION: Grimaldi, J. Christopher
/ APPLICATION: Gurney, Austin L.
/ APPLICATION: Hillan, Kenneth J.
/ APPLICATION: Kijavlin, Ivar J.
/ APPLICATION: Kuo, Sophia S.
/ APPLICATION: Napier, Mary A.
/ APPLICATION: Pan, James;
/ APPLICATION: Paoni, Nicholas F.
/ APPLICATION: Roy, Margaret Ann
/ APPLICATION: Roy, Margaret Ann
/ APPLICATION: Shelton, David L.
/ APPLICATION: Stewart, Timothy A.
/ APPLICATION: Tumas, Daniel
/ APPLICATION: Williams, P. Mickey
/ APPLICATION: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
```

```

; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C40
; CURRENT APPLICATION NUMBER: US/10/165,353A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-165-353A-577
```

```

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      5196 TCAGCGTGGAGGCCACGCG 5215
          ||||| ||||| ||||| |||||
Db       20 TCAGGTGTGAAGGCCACGCG 1
```

```

RESULT 674
US-10-167-600-577/c
; Sequence 577, Application US/10167600
; Publication No. US20030203443A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Iyar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

```

; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C35
; CURRENT APPLICATION NUMBER: US/10/167,600
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-167-600-577
```

```

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      5196 TCAGCGTGGAGGCCACGCG 5215
          ||||| ||||| ||||| |||||
Db       20 TCAGGTGTGAAGGCCACGCG 1
```

```

RESULT 675
US-10-170-481A-577/c
; Sequence 577, Application US/10170481A
; Publication No. US20030203444A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Iyar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
```

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; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C53
; CURRENT APPLICATION NUMBER: US/10/170,481A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-170-481A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGTGTGAAAGGCCACGCG 1

RESULT 676
US-10-172-039A-577/c
; Sequence 577, Application US/10172039A
; Publication No. US20030203445A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
```

```

; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C30
; CURRENT APPLICATION NUMBER: US/10/172,039A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-172-039A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGTGTGAAAGGCCACGCG 1

RESULT 677
US-10-210-028-577/c
; Sequence 577, Application US/10210028
; Publication No. US20030203446A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
```

```

; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC52
; CURRENT APPLICATION NUMBER: US/10/210,028
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-210-028-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGGTGTGAAGGCCACGCG 1

RESULT 678
US-10-017-085A-577/c
; Sequence 577, Application US/10017085A
; Publication No. US20030204055A1
; GENERAL INFORMATION:
; APPLICANT: Aehkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flivaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Godowski, Paul J.
```

```

; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC73
; CURRENT APPLICATION NUMBER: US/10/017,085A
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION removed - File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-085A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCGTGGAGGCCACGCG 5215
DB      20 TCAGGTGTGAAGGCCACGCG 1

RESULT 679
US-10-013-916A-577/c
; Sequence 577, Application US/10013916A
; Publication No. US20030206915A1
; GENERAL INFORMATION:
; APPLICANT: Aehkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flivaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC79
```

```
; CURRENT APPLICATION NUMBER: US/10/013,916A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-916A-577
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5196 TCAGCTGGAGGCGCACGCG 5215
Db      20 TCAGGTGAAAGCCACGCG 1
```

```
RESULT 680
US-10-266-983-55
; Sequence 55, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Tacon, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT FILING DATE: 2002-10-08
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-266-983-55
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAA 20
```

```
RESULT 681
US-10-266-983-70
; Sequence 70, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Tacon, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT FILING DATE: 2002-10-08
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-266-983-70
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAA 20
```

```
RESULT 682
US-10-448-836-217/c
; Sequence 217, Application US/10448836
; Publication No. US20030207313A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT FILING DATE: 2003-05-30
; PRIOR FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
```



```

; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: Koparentin 1.71
; SEQ ID NO: 217
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium
US-10-448-836-217

Query Match      0.3% Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1036 GAGTCAACCCAGCGCCCGCAG 1055
DB      20 GAGTCAACCGAAGTCCCGCAGC 1

RESULT 683
US-10-148-835-52
; Sequence 52, Application US/10148835
; Publication No. US20030207380A1
; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
; FILE REFERENCE: 2185-0648P
; CURRENT APPLICATION NUMBER: US/10/148,835
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO: 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designed
US-10-148-835-52

Query Match      0.3% Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      2330 ATCATCTCCACCTCTTGA 2339
DB      1 ATCAGTCCACCTCTTAGA 20

RESULT 684
US-10-143-026B-577/C
; Sequence 577, Application US/10143026B
; Publication No. US20030207803A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
```

```

; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC58
; CURRENT APPLICATION NUMBER: US/10/143,026B
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO: 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-026B-577

Query Match      0.3% Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      5196 TCAGGTGGAGGCGCAGGTG 5215
DB      20 TCAGGTGAAGGCCACGTG 1

RESULT 685
US-10-013-918A-577/C
; Sequence 577, Application US/10013918A
; Publication No. US20030211091A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
```

APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerlisen, Mary B.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C77  
CURRENT APPLICATION NUMBER: US/10/013,918A  
PRIOR FILING DATE: 2002-03-25  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29

```
/ PRIOR APPLICATION NUMBER: 60/083742
/ PRIOR FILING DATE: 1998-04-30
/ PRIOR APPLICATION NUMBER: 60/084366
/ PRIOR FILING DATE: 1998-05-05
/ PRIOR APPLICATION NUMBER: 60/084414
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/084637
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084639
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084640
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084598
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084600
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084627
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/084643
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/085339
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085338
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085582
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085700
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085689
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085580
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
```

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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5196 TCAGGTGGAGGCCACGTG 5215
Db 20 TCAGTGTGAAGGCCACGTG 1
```

```
RESULT 686
US-10-162-521A-577/c
```

```
/ Sequence 577, Application US/10162521A
/ Publication No. US20030211092A1
```

```
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Garber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
```

```
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC55
/ CURRENT APPLICATION NUMBER: US/10/162,521A
/ PRIOR FILING DATE: 2002-11-29
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
```

```
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-10-162-521A-577
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5196 TCAGGTGGAGGCCACGTG 5215
Db 20 TCAGTGTGAAGGCCACGTG 1
```

```
RESULT 687
```

```
US-10-448-753-90
```

```
/ Sequence 90, Application US/10448753
```

```
/ Publication No. US20030211611A1
```

```
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Kenneth W. Dobie
/ APPLICANT: Mark P. Roach
/ TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
/ FILE REFERENCE: RTS-0340
/ CURRENT APPLICATION NUMBER: US/10/448,753
/ CURRENT FILING DATE: 2003-05-30
/ PRIOR APPLICATION NUMBER: US/10/027,983
/ PRIOR FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 98
/ SEQ ID NO 90
/ LENGTH: 20
/ TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-448-753-90
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      3639 AATTGCTGAGATTGCAGAG 3658
          |||||
Db       1 AAGTCTGAGATTACGATG 20
```

RESULT 688

```
US-10-314-578-226/c
; Sequence 226, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-226
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAAAGAA 5412
          |||||
Db       20 AAAAAAAAAAAAAAAAAA 1
```

RESULT 689

```
US-10-314-578-556/c
; Sequence 556, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-556
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAAAGAA 5412
          |||||
Db       20 AAAAAAAAAAAAAAAAAA 1
```

RESULT 690

```
US-10-314-578-560
; Sequence 560, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 560
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-560
```

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Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAAAGAA 5412
          |||||
Db       1 AAAAAAAAAAAAAAAAAA 20
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RESULT 691

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US-10-314-578-772/c
; Sequence 772, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 772
```

```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-772

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5129 AGGATAGGAGGACATGGA 5148
DB      20 AGGATCAGGAGGACATGGA 1

RESULT 692
US-10-181-200-10/c
/ Sequence 10, Application US/10181200
/ Publication No. US20030212267A1
/ GENERAL INFORMATION:
/ APPLICANT: Cole, Douglas L.
/ APPLICANT: Ravikumar, Vasulinga T.
/ APPLICANT: Cheruvallach, Zacharia S.
/ TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
/ FILE REFERENCE: ISIS-4709
/ CURRENT APPLICATION NUMBER: US/10/181,200
/ PRIOR FILING DATE: 2002-12-12
/ PRIOR APPLICATION NUMBER: PCT/US01/00715
/ PRIOR FILING DATE: 2001-01-10
/ PRIOR APPLICATION NUMBER: US 09/481,486
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 10
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Construct
/ NAME/KEY: misc.feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 2'-O-methoxyethyl
/ FEATURE:
/ NAME/KEY: misc.feature
/ LOCATION: (1)..(20)
/ OTHER INFORMATION: phosphorothioate 20-mer
US-10-181-200-10

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATCAAAAAAGAA 5412
DB      20 AAAAAATCAAAAAAGAA 1

RESULT 693
US-10-181-200-15/c
/ Sequence 15, Application US/10181200
/ Publication No. US20030212267A1
/ GENERAL INFORMATION:
/ APPLICANT: Cole, Douglas L.
/ APPLICANT: Ravikumar, Vasulinga T.
/ APPLICANT: Cheruvallach, Zacharia S.
/ TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
/ FILE REFERENCE: ISIS-4709
/ CURRENT APPLICATION NUMBER: US/10/181,200
/ PRIOR FILING DATE: 2002-12-12
/ PRIOR APPLICATION NUMBER: PCT/US01/00715
/ PRIOR FILING DATE: 2001-01-10
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/ PRIOR APPLICATION NUMBER: US 09/481,486
/ PRIOR FILING DATE: 2000-01-11
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 15
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Construct
/ NAME/KEY: misc.feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc.feature
/ LOCATION: (1)..(20)
/ OTHER INFORMATION: phosphorothioate 20-mer
US-10-181-200-15

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATCAAAAAAGAA 5412
DB      20 AAAAAATCAAAAAAGAA 1

RESULT 694
US-10-013-928A-577/c
/ Sequence 577, Application US/10013928A
/ Publication No. US20030215905A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Fong, Sherman
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paonl, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC86
/ CURRENT APPLICATION NUMBER: US/10/013,928A
/ PRIOR FILING DATE: 2001-10-25
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
```

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; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-013-928A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGGTGGAGGCCACGTG 5215
Db      20 TCAGGTGTAAGGCCACGTG 1

RESULT 695
; Sequence 577, Application US/10162522A
; Publication No. US20030215908A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C56
; CURRENT APPLICATION NUMBER: US/10/162,522A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/818585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
```

```
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 577
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-162-522A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGGTGGAGGCCACGTG 5215
Db      20 TCAGGTGTAAGGCCACGTG 1

RESULT 696
; Sequence 577, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C87
; CURRENT APPLICATION NUMBER: US/10/013,923A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See Palm or File Wrapper
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/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-923A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGGTGGAGGCCACGCG 5215
Db      20 TCAGTGTGAAGGCCACGCG 1

RESULT 697
US-10-181-875-83
/ Sequence 83, Application US/10181875
/ Publication No. US20030216333A1
/ GENERAL INFORMATION:
/ APPLICANT: Isis Pharmaceuticals, Inc.
/ APPLICANT: Brett P. Monia
/ APPLICANT: Robert McKay
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESSION
/ FILE REFERENCE: RSP-0356
/ CURRENT APPLICATION NUMBER: US/10/181,875
/ PRIOR FILING DATE: 2002-07-22
/ PRIOR APPLICATION NUMBER: 09/488,856
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 83
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense oligonucleotide
US-10-181-875-83

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4871 CTCAGTTCTTCTCTGCAA 4890
Db      1 CTCAGTTCTCTCTCTGCTA 20

RESULT 698
US-10-013-925A-577/c
/ Sequence 577, Application US/10013925A
/ Publication No. US20030216560A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
```

```
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C83
/ CURRENT APPLICATION NUMBER: US/10/013,925A
/ PRIOR FILING DATE: 2002-05-03
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-925A-577

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGGTGGAGGCCACGCG 5215
Db      20 TCAGTGTGAAGGCCACGCG 1

RESULT 699
US-10-013-927A-577/c
/ Sequence 577, Application US/10013927A
/ Publication No. US20030216561A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C88
/ CURRENT APPLICATION NUMBER: US/10/013,927A
/ PRIOR FILING DATE: 2001-10-25
/ Prior Application removed - See File Wrapper or Palm
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; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 577  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-013-927A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5196 TCAGCGTGAGAGCCACGCG 5215  
Db 20 TCAGGTGTGAAAGCCACGCG 1

RESULT 700  
US-10-401-194-9  
; Sequence 9, Application US/10401194  
; Publication No. US20030219810A1  
; GENERAL INFORMATION:  
; APPLICANT: Millennium Pharmaceuticals, Inc.  
; APPLICANT: Barnes, Glenn T.  
; APPLICANT: Bertin, John  
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE  
; FILE REFERENCE: MPI02-041PRM  
; CURRENT FILING DATE: 2003-03-27  
; PRIOR APPLICATION NUMBER: US/10/401,194  
; PRIOR FILING DATE: 2002-03-27  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 9  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-401-194-9

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1614 CTTCTACTTCAGCTGCAGAG 1633  
Db 1 CTGCTACAGACGCTGCAGAG 20

RESULT 701  
US-10-401-194-9/C  
; Sequence 9, Application US/10401194  
; Publication No. US20030219810A1  
; GENERAL INFORMATION:  
; APPLICANT: Millennium Pharmaceuticals, Inc.  
; APPLICANT: Barnes, Glenn T.  
; APPLICANT: Bertin, John  
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE  
; FILE REFERENCE: MPI02-041PRM  
; CURRENT FILING DATE: 2003-03-27  
; PRIOR APPLICATION NUMBER: US/10/401,194  
; PRIOR FILING DATE: 2002-03-27  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 9  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-401-194-9

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 2639 CCTGCAGCTGCTGCTGCAG 2658  
Db 20 CTCTGCAGCTGCTGTCAGAG 1

RESULT 702  
US-10-448-914A-217/C  
; Sequence 217, Application US/10448914A  
; Publication No. US20030235856A1  
; GENERAL INFORMATION:  
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.  
; APPLICANT: KIM, Cheol Min  
; APPLICANT: PARK, Hee Kyung  
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria  
; FILE REFERENCE: PP05020/PCT  
; CURRENT FILING DATE: 2003-05-30  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 243  
; SOFTWARE: Kopatentin 1.71  
; SEQ ID NO 217  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium  
US-10-448-914A-217

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1036 GAGTCACCCAGAGCCGCCAC 1055  
Db 20 GAGTCACCCAGACTCCACAC 1

RESULT 703  
US-10-145-093A-577/C  
; Sequence 577, Application US/10145093A  
; Publication No. US2004000512A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Baton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Geiber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.



```
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC48
/ TITLE OF INVENTION: Acids Encoding the Same
/ CURRENT APPLICATION NUMBER: US/10/145,093A
/ CURRENT FILING DATE: 2001-10-18
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/06364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-093A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCTGGAGGCCACGTG 5215
DB      20 TCAGTGTGAAGGCCACGTG 1

RESULT 704
/ Sequence 577, Application US/10013919A
/ Publication No. US20040005657A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Deamoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltisen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
```

```
/ APPLICANT: Guiney, Auecin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kljavin, Iyar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC85
/ TITLE OF INVENTION: Acids Encoding the Same
/ CURRENT APPLICATION NUMBER: US/10/013,919A
/ CURRENT FILING DATE: 2001-10-25
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/06364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-919A-577

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5196 TCAGCTGGAGGCCACGTG 5215
DB      20 TCAGTGTGAAGGCCACGTG 1

RESULT 705
/ Sequence 23, Application US/10190366
/ Publication No. US20040006031A1
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas M. Dean
/ APPLICANT: Susan M. Freiler
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
/ FILE REFERENCE: PTS-0023
/ CURRENT APPLICATION NUMBER: US/10/190,366
/ CURRENT FILING DATE: 2002-07-02
/ NUMBER OF SEQ ID NOS: 409
/ SEQ ID NO 23
/ LENGTH: 20
/ TYPE: DNA
```

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-190-366-23

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2504 GAATCATGGCCCTTTGGG 2523

Db 20 GAATCATGGCCCTTTGTG 1

## RESULT 706

US-10-190-366-86/c  
Sequence 86, Application US/10190366  
Publication No. US2004006031A1  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean  
APPLICANT: Susan M. Freier  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION  
FILE REFERENCE: PTS-0023  
CURRENT APPLICATION NUMBER: US/10/190,366  
CURRENT FILING DATE: 2002-07-02  
NUMBER OF SEQ ID NOS: 409  
SEQ ID NO 86  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-190-366-86

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2505 AATACATGGCCCTTTGGG 2524

Db 20 AATGATGGCCCTTTGTG 1

## RESULT 707

US-10-190-366-220  
Sequence 220, Application US/10190366  
Publication No. US2004006031A1  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean  
APPLICANT: Susan M. Freier  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION  
FILE REFERENCE: PTS-0023  
CURRENT APPLICATION NUMBER: US/10/190,366  
CURRENT FILING DATE: 2002-07-02  
NUMBER OF SEQ ID NOS: 409  
SEQ ID NO 220  
LENGTH: 20  
TYPE: DNA  
ORGANISM: H. sapiens  
FEATURE:  
US-10-190-366-220

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2504 GAATCATGGCCCTTTGGG 2523

Db 1 GAATCATGGCCCTTTGTG 20

RESULT 708  
US-10-190-366-283  
Sequence 283, Application US/10190366  
Publication No. US2004006031A1  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean  
APPLICANT: Susan M. Freier  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION  
FILE REFERENCE: PTS-0023  
CURRENT APPLICATION NUMBER: US/10/190,366  
CURRENT FILING DATE: 2002-07-02  
NUMBER OF SEQ ID NOS: 409  
SEQ ID NO 283  
LENGTH: 20  
TYPE: DNA  
ORGANISM: H. sapiens  
FEATURE:  
US-10-190-366-283

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2505 AATACATGGCCCTTTGGG 2524

Db 1 AATGATGGCCCTTTGTG 20

## RESULT 709

US-10-289-762-4302  
Sequence 4302, Application US/10289762  
Publication No. US2004006218A1  
GENERAL INFORMATION:  
APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/10/289,762  
CURRENT FILING DATE: 2003-03-27  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 4302  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-10-289-762-4302

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2547 GGGCTGTAGTATGAGG 2566

Db 1 GGGGCTGTATGATGAGG 20

## RESULT 710

US-10-289-762-5533/c  
Sequence 5533, Application US/10289762  
Publication No. US2004006218A1  
GENERAL INFORMATION:  
APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/10/289,762  
CURRENT FILING DATE: 2003-03-27  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 5533  
LENGTH: 20  
TYPE: DNA

ORGANISM: Chlamydia pneumoniae  
US-10-289-762-5533

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2046 ATCAACAAGAGCTCTGCG 2065

DB 20 ACCAACAAGAGCTCTGCG 1

RESULT 711

US-10-013-920A-577/c  
Sequence 577, Application US/10013920A  
Publication No. US2004006219A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnovers, Luc

APPLICANT: Baton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Flivaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerltzen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kijavlin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2630P1C78

CURRENT APPLICATION NUMBER: US/10/013,920A

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 577

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-920A-577

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5196 TCAGCTGGAGGCGCCAGTG 5215

DB 20 TCAGCTGGAGGCGCCAGTG 1

RESULT 712

US-10-628-841-45/c

Sequence 45, Application US/10628841

Publication No. US20040023918A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION

FILE REFERENCE: RTS-0191

CURRENT APPLICATION NUMBER: US/10/628,841

Prior Filing Date: 2003-07-28

Prior Application Number: US/09/972,607

Prior Filing Date: 2001-10-06

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 45

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense oligonucleotide

US-10-628-841-45

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5000 AGGTGGCTTACGACATCTC 5019

DB 20 AGGTGGCTTACGACATCTC 1

RESULT 713

US-10-164-749A-577/c

Sequence 577, Application US/10164749A

Publication No. US20040029218A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnovers, Luc

APPLICANT: Baton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Flivaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerltzen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kijavlin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2630P1C60

CURRENT APPLICATION NUMBER: US/10/164,749A

Prior Filing Date: 2001-10-19

Prior Application Number: 09/918585

Prior Filing Date: 2001-07-30

Prior Application Number: 60/062250

Prior Filing Date: 1997-10-17

Prior Application Number: 60/064249

Prior Filing Date: 1997-11-03

Prior Application Number: 60/065311

Prior Filing Date: 1997-11-13

Prior Application Number: 60/066364

Prior Filing Date: 1997-11-21

```
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-749A-577
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5196 TCAGCGTGGAGGCCACGCTG 5215
DB 20 TCAGTGTGAAGGCCACGCTG 1
```

```
RESULT 714
US-10-215-448-66
/ Sequence 66, Application US/10215448
/ Publication No. US20040029273A1
/ GENERAL INFORMATION:
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
/ FILE REFERENCE: RTS-0179
/ CURRENT APPLICATION NUMBER: US/10/215,448
/ CURRENT FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 105
/ SEQ ID NO 66
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-66
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2217 ACCCGAGCTGAGACCTCT 2236
DB 1 ACCCGAGCTGTATACCTCT 20
```

```
RESULT 715
US-10-215-448-99/C
/ Sequence 99, Application US/10215448
/ Publication No. US20040029273A1
/ GENERAL INFORMATION:
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
/ FILE REFERENCE: RTS-0179
/ CURRENT APPLICATION NUMBER: US/10/215,448
/ CURRENT FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 105
/ SEQ ID NO 99
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
```

US-10-215-448-99

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2217 ACCCGAGCTGAGACCTCT 2236
DB 20 ACCCGAGCTGTATACCTCT 1
```

```
RESULT 716
US-10-013-917A-577/C
/ Sequence 577, Application US/10013917A
/ Publication No. US20040063921A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary B.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C82
/ CURRENT APPLICATION NUMBER: US/10/013,917A
/ CURRENT FILING DATE: 2001-10-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 577
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-917A-577
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5196 TCAGCGTGGAGGCCACGCTG 5215
DB 20 TCAGTGTGAAGGCCACGCTG 1
```

```
RESULT 717
US-10-640-618-55
/ Sequence 55, Application US/10640618
/ Publication No. US20040072231A1
/ GENERAL INFORMATION:
/ APPLICANT: Mitkin, Chad A.
```

```
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghamian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Gariwella, Vismawadham
APPLICANT: Li, Zhi
APPLICANT: So-Dung Park
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-1085-G
CURRENT APPLICATION NUMBER: US/10/640,618
CURRENT FILING DATE: 2003-08-21
PRIOR APPLICATION NUMBER: 09/820,279
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/254,392
PRIOR FILING DATE: 2001-12-08
PRIOR APPLICATION NUMBER: 60/255,235
PRIOR FILING DATE: 2000-12-11
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
Remaining prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-10-640-618-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATTCAGAAAAAGAAA 5412
DB      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 718
US-10-626-772-19/c
Sequence 19, Application US/10626772
Publication No. US20040072344A1
GENERAL INFORMATION:
APPLICANT: KAZUTOO INOUE,
APPLICANT: DOHOON KIM,
APPLICANT: YANTUN GU
APPLICANT: MICHIO ISHII
TITLE OF INVENTION: METHOD FOR INDUCING DIFFERENTIATION OF EMBRYONIC STEM CELLS INTO
FILE REFERENCE: 0020-5157P
CURRENT APPLICATION NUMBER: US/10/626,772
CURRENT FILING DATE: 2003-07-25
PRIOR APPLICATION NUMBER: US 10/054,789
PRIOR FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 48
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 19
LENGTH: 20
```

```
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide Primer
US-10-626-772-19

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2523 GGCATCACCACACGTTTC 2542
DB      20 GGCATCAACACACATTTC 1

RESULT 719
US-10-431-341-31
Sequence 31, Application US/10431341
Publication No. US20040086897A1
GENERAL INFORMATION:
APPLICANT: Markin, Chad
APPLICANT: Cao, Yun-Wei
APPLICANT: Jin, Rongchao
TITLE OF INVENTION: Nanoparticle Probes with Raman Spectroscopic Fingerprints for Ana
FILE REFERENCE: 02-338-C
CURRENT APPLICATION NUMBER: US/10/431,341
CURRENT FILING DATE: 2003-05-07
PRIOR APPLICATION NUMBER: US 60/378,538
PRIOR FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 60/383,630
PRIOR FILING DATE: 2002-05-28
PRIOR APPLICATION NUMBER: US 10/172,428
PRIOR FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PatentIn version 3.1
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(20)
OTHER INFORMATION: Synthetic target sequence
US-10-431-341-31

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATTCAGAAAAAGAAA 5412
DB      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 720
US-10-628-066-11
Sequence 11, Application US/10628066
Publication No. US20040086919A1
GENERAL INFORMATION:
APPLICANT: Rameshwar, Pranela
APPLICANT: Gascon, Pedro
TITLE OF INVENTION: A Human Preprotrachin Gene Promoter
FILE REFERENCE: UMDNJ NMS 97-16
CURRENT APPLICATION NUMBER: US/10/628,066
CURRENT FILING DATE: 2003-07-23
PRIOR APPLICATION NUMBER: 09/747,429
PRIOR FILING DATE: 2000-12-23
PRIOR APPLICATION NUMBER: US 60/171,970
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 11
```

; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic sequence  
US-10-628-066-11

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4263 CTTCCACCTCTACCTGATCC 4282  
|||  
DB 1 CTACCACTCTACTTCATCC 20

RESULT 721  
US-10-300-820-36  
; Sequence 36, Application US/10300820  
; Publication No. US20040097452A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION  
; FILE REFERENCE: RTS-0444  
; CURRENT APPLICATION NUMBER: US/10/300,820  
; CURRENT FILING DATE: 2002-11-19  
; NUMBER OF SEQ ID NOS: 162  
; SEQ ID NO 36  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-300-820-36

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1887 GATCAGCGCTCGACACAG 1906  
|||  
DB 1 GATCAGCGCTCGACACAG 20

RESULT 722  
US-10-300-820-48  
; Sequence 48, Application US/10300820  
; Publication No. US20040097452A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION  
; FILE REFERENCE: RTS-0444  
; CURRENT APPLICATION NUMBER: US/10/300,820  
; CURRENT FILING DATE: 2002-11-19  
; NUMBER OF SEQ ID NOS: 162  
; SEQ ID NO 48  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-300-820-48

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 773 CCCAAGCCCGAGAGGCGCA 792  
|||  
DB 1 CCCAAGCCCGAGAGTGGCA 20

RESULT 723

US-10-300-820-112/c  
; Sequence 112, Application US/10300820  
; Publication No. US20040097452A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION  
; FILE REFERENCE: RTS-0444  
; CURRENT APPLICATION NUMBER: US/10/300,820  
; CURRENT FILING DATE: 2002-11-19  
; NUMBER OF SEQ ID NOS: 162  
; SEQ ID NO 112  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-300-820-112

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1887 GATCAGCGCTCGACACAG 1906  
|||  
DB 20 GATCAGCGCTCGACACAG 1

RESULT 724  
US-10-300-820-123/c  
; Sequence 123, Application US/10300820  
; Publication No. US20040097452A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION  
; FILE REFERENCE: RTS-0444  
; CURRENT APPLICATION NUMBER: US/10/300,820  
; CURRENT FILING DATE: 2002-11-19  
; NUMBER OF SEQ ID NOS: 162  
; SEQ ID NO 123  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-300-820-123

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 773 CCCAAGCCCGAGAGGCGCA 792  
|||  
DB 20 CCCAAGCCCGAGAGTGGCA 1

RESULT 725  
US-10-304-116-66/c  
; Sequence 66, Application US/10304116  
; Publication No. US20040101857A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; TITLE OF INVENTION: MODULATION OF CYTOKINE-INDUCIBLE KINASE EXPRESSION  
; FILE REFERENCE: RTS-0397  
; CURRENT APPLICATION NUMBER: US/10/304,116  
; CURRENT FILING DATE: 2002-11-23  
; NUMBER OF SEQ ID NOS: 138  
; SEQ ID NO 66  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-304-116-66

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1090 CCTCAGCCCGAGCTTAGACC 1109  
DB 20 CCGCAGCCCGAGCTTAGACC 1

RESULT 726  
US-10-304-116-125  
; Sequence 125, Application US/10304116  
; Publication No. US20040101857A1  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF CYTOKINE-INDUCIBLE KINASE EXPRESSION  
; FILE REFERENCE: RTS-0397  
; CURRENT APPLICATION NUMBER: US/10/304,116  
; CURRENT FILING DATE: 2002-11-23  
; NUMBER OF SEQ ID NOS: 138  
; SEQ ID NO 125  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-304-116-125

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1090 CCTCAGCCCGAGCTTAGACC 1109  
DB 1 CCGCAGCCCGAGCTTAGACC 20

RESULT 727  
US-10-303-420-171  
; Sequence 171, Application US/10303420  
; Publication No. US20040102398A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monla  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF B7H EXPRESSION  
; FILE REFERENCE: RTS-0417  
; CURRENT APPLICATION NUMBER: US/10/303,420  
; CURRENT FILING DATE: 2002-11-23  
; NUMBER OF SEQ ID NOS: 271  
; SEQ ID NO 171  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-303-420-171

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2063 GGGCCCTGTGCTGTGCCCC 2082  
DB 1 GGGCAGTGTGCTGTGCCCC 20

RESULT 728  
US-10-315-962-33  
; Sequence 33, Application US/10315962  
; Publication No. US20040109848A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Nicholas M. Dean

; APPLICANT: Susan M. Preter  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION  
; FILE REFERENCE: PTS-0046  
; CURRENT APPLICATION NUMBER: US/10/315,962  
; CURRENT FILING DATE: 2000-12-09  
; NUMBER OF SEQ ID NOS: 126  
; SEQ ID NO 33  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-315-962-33

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3031 TGCCTCTGAGAGCCCTGCG 3050  
DB 1 TCCGCTCTGAGCTCTGCG 20

RESULT 729  
US-10-316-516-57/c  
; Sequence 57, Application US/10316516  
; Publication No. US20040110150A1  
; GENERAL INFORMATION:  
; APPLICANT: Erich Koller  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF BPRIN-B2 EXPRESSION  
; FILE REFERENCE: PTS-0057  
; CURRENT APPLICATION NUMBER: US/10/316,516  
; CURRENT FILING DATE: 2002-12-10  
; NUMBER OF SEQ ID NOS: 134  
; SEQ ID NO 57  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-316-516-57

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1902 CACAGCTTGAGAGCTTCA 1921  
DB 20 CAGGCTTGAGAGCTTCA 1

RESULT 730  
US-10-316-516-115  
; Sequence 115, Application US/10316516  
; Publication No. US20040110150A1  
; GENERAL INFORMATION:  
; APPLICANT: Erich Koller  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF BPRIN-B2 EXPRESSION  
; FILE REFERENCE: PTS-0057  
; CURRENT APPLICATION NUMBER: US/10/316,516  
; CURRENT FILING DATE: 2002-12-10  
; NUMBER OF SEQ ID NOS: 134  
; SEQ ID NO 115  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-316-516-115

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 1902 CACAGCTCTGCAGACCTCA 1921  
Db 1 CAGGCTCTGCAGACCTCA 20

RESULT 731  
US-10-316-755-20/c  
; Sequence 20, Application US/10316755  
; Publication No. US20040110152A1  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION  
; FILE REFERENCE: RTS-0381  
; CURRENT APPLICATION NUMBER: US/10/316,755  
; CURRENT FILING DATE: 2002-12-10  
; NUMBER OF SEQ ID NOS: 277  
; SEQ ID NO 20  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-316-755-20

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2643 GCAGCTGCTGCTGCAGCCAC 2662  
Db 20 GCTGCTGCTGCTGCAGCCGC 1

RESULT 732  
US-10-316-755-175  
; Sequence 175, Application US/10316755  
; Publication No. US20040110152A1  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION  
; FILE REFERENCE: RTS-0381  
; CURRENT APPLICATION NUMBER: US/10/316,755  
; CURRENT FILING DATE: 2002-12-10  
; NUMBER OF SEQ ID NOS: 277  
; SEQ ID NO 175  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-316-755-175

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2643 GCAGCTGCTGCTGCAGCCAC 2662  
Db 1 GCTGCTGCTGCTGCAGCCGC 20

RESULT 733  
US-10-317-271A-71  
; Sequence 71, Application US/10317271A  
; Publication No. US20040110156A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF NRF EXPRESSION  
; FILE REFERENCE: RTS-0456

; CURRENT APPLICATION NUMBER: US/10/317,271A  
; CURRENT FILING DATE: 2002-12-10  
; NUMBER OF SEQ ID NOS: 160  
; SEQ ID NO 71  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-317-271A-71

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 986 TCCTTACCAAGCTCTTCCA 1005  
Db 1 TCTTTACCAAGCTCTTACCA 20

RESULT 734  
US-10-317-271A-147/c  
; Sequence 147, Application US/10317271A  
; Publication No. US20040110156A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF NRF EXPRESSION  
; FILE REFERENCE: RTS-0456  
; CURRENT APPLICATION NUMBER: US/10/317,271A  
; CURRENT FILING DATE: 2002-12-10  
; NUMBER OF SEQ ID NOS: 160  
; SEQ ID NO 147  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-317-271A-147

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 986 TCCTTACCAAGCTCTTCCA 1005  
Db 20 TCTTTACCAAGCTCTTACCA 1

RESULT 735  
US-10-653-416-15  
; Sequence 15, Application US/10653416  
; Publication No. US20040110201A1  
; GENERAL INFORMATION:  
; APPLICANT: RASHTECHIAN, AYOUB  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS  
; FILE REFERENCE: 38266-0011  
; CURRENT APPLICATION NUMBER: US/10/653,416  
; CURRENT FILING DATE: 2003-09-03  
; PRIOR APPLICATION NUMBER: 60/407,248  
; PRIOR FILING DATE: 2002-09-03  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 15  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-653-416-15

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



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QY      1262 GCCTACAGGCCCAACCAACAC 1281
          |||||
Db      1  GGCTACAGCTTCACCAACAC 20

```

```

RESULT 736
US-10-653-416-25/c
Sequence 25, Application US/10653416
Publication No. US20040110201A1
GENERAL INFORMATION:
APPLICANT: RASHTCHIAN, AYOUB
APPLICANT: SCHUSTER, DAVID M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CNA SYNTHESIS
FILE REFERENCE: 38266-0011
CURRENT APPLICATION NUMBER: US/10/653,416
PRIOR APPLICATION NUMBER: 60/4407,248
PRIOR FILING DATE: 2002-09-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-653-416-25

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 20;
Best Local Similarity	85.0%	Pred. No. 7.2e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0

Oy	5393	AAAAAAAAATACAAAAAAAGAAA	5412
	20	AAAAAAAAAAAAAAAAAAAAA	1
Db			

```

1 RESULT 737
2 US-10-716-829-55
3
4 / Sequence 55, Application US/10716829
5 / Publication No. US20040110220A1
6 / GENERAL INFORMATION:
7
8 / APPLICANT: Mirkin, Chad A.
9 / APPLICANT: Letsinger, Robert L.
10 / APPLICANT: Mucic, Robert C.
11 / APPLICANT: Storchoff, James J.
12 / APPLICANT: Elghanlian, Robert
13 / APPLICANT: Telson, Thomas A.
14 / TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
15 / TITLE OF INVENTION: AND USES THEREFOR
16 / FILE REFERENCE: 00-715-A
17 / CURRENT APPLICATION NUMBER: US/10/716,829
18 / CURRENT FILING DATE: 2003-11-18
19 / PRIOR APPLICATION NUMBER: US/09/760,500A
20 / PRIOR FILING DATE: 2002-03-05
21 / PRIOR APPLICATION NUMBER: 09/6603,830
22 / PRIOR FILING DATE: 2000-06-26
23 / PRIOR APPLICATION NUMBER: 09/344,667
24 / PRIOR FILING DATE: 1999-06-25
25 / PRIOR APPLICATION NUMBER: 09/240,755
26 / PRIOR FILING DATE: 1999-01-29
27 / PRIOR APPLICATION NUMBER: PCT/US97/12783
28 / PRIOR FILING DATE: 1997-07-21
29 / PRIOR APPLICATION NUMBER: 60/031,809
30 / PRIOR FILING DATE: 1996-07-29
31 / PRIOR APPLICATION NUMBER: 60/200,161
32 / PRIOR FILING DATE: 2000-04-26
33 / NUMBER OF SEQ ID NOS: 64
34 / SOFTWARE: Microsoft Word 2000
35 / SEQ ID NO 55
36 / LENGTH: 20

```

```

;      TYPE: DNA
;      ORGANISM: Artificial Sequence
;      FEATURE:..
;      OTHER INFORMATION: Description of Artificial Sequence:random
;      OTHER INFORMATION: synthetic sequence
US-10-716-829-55

```

Query Match	0.3%	Score 15.2	DB 1	Length 20
Best Local Similarity	85.0%	Pred. No. 7.2e+02		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      5393 AAAAAAAAAACAAA 5412
          |||||  |||||
Db      1 AAAAAAAAAAAAAA 20

```

```

RESULT 738
US-10-319-915-90
; Sequence 90, Application US/10319915
; Publication No. US20040115653A1
GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-915-90

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 20;
Best Local Similarity	85.0%	Pred. No. 7.2e+02;		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      3297 GGAGCTAGACCTGCAGCAGA 3316
          ||| | | | | | | | | |
Db      1 GGATCCAAACCTGCAGCAGA 20

```

```

RESULT 739
US-10-319-915-165
; Sequence 165, Application US/10319915
; Publication No. US20040115553A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
; SEQ ID NO 165
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-915-165

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 20;
Best Local Similarity	85.0%	Pred. No. 7.2e+02;		
Matches 17;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      3972 TCTGCTGGACATCAAGGCTG 3991
          |||||
DB      1 TCTGCTAGAGATCAAGGCTG 20

```

## RESULT 740

```
US-10-319-915-274/c
; Sequence 274, Application US/10319915
; Publication No. US20040115653A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
; SEQ ID NO 274
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-319-915-274

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3972 TCTGCTGACATCAAGCGCTG 3991
DB      20 TCTGCTAGAGATCAAGGCTG 1

RESULT 741
US-10-470-030-15/c
; Sequence 15, Application US/10470030
; Publication No. US20040121460A1
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America, as Represented by the
; APPLICANT: Secretary of the Department of Health and Human Services, National Instit
; APPLICANT: Health
; TITLE OF INVENTION: DIFFERENTIATION OF EMBRYONIC STEM CELLS TO PANCREATIC ENDOCRINE C
; FILE REFERENCE: 4239-66329
; CURRENT APPLICATION NUMBER: US/10/470,030
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: PCT/US02/02361
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/264,107
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/266,917
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: US 60/344,548
; PRIOR FILING DATE: 2001-10-18
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-470-030-15

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2523 GGCATCAACACACGTTTCC 2542
DB      20 GGCATCAACACACATTTGC 1

RESULT 742
US-10-744-831-61/c
; Sequence 61, Application US/10744831
; Publication No. US20040121977A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS
```

```
; FILE REFERENCE: RTS-0331
; CURRENT APPLICATION NUMBER: US/10/744,831
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US/10/010,002
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-744-831-61

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3958 ATGGTGCGAGGCGCTCTGCT 3977
DB      20 ATGATGCGAGGCTCCTCTGTT 1

RESULT 743
US-10-671-395-178/c
; Sequence 178, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 178
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-178

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAA 1

RESULT 744
US-10-671-395-179/c
; Sequence 179, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 179
```

/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: artificial  
/ FEATURE:  
/ OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-179

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 745  
US-10-671-395-180/c  
/ Sequence 180, Application US/10671395  
/ Publication No. US20040132063A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Glaxo, James K  
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
/ FILE REFERENCE: 1179/1/US  
/ CURRENT APPLICATION NUMBER: US/10/671,395  
/ CURRENT FILING DATE: 2003-09-25  
/ PRIOR APPLICATION NUMBER: 60/413,549  
/ PRIOR FILING DATE: 2002-09-25  
/ NUMBER OF SEQ ID NOS: 1809  
/ SOFTWARE: Patent version 3.2  
/ SEQ ID NO 180  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: artificial  
/ FEATURE:  
/ OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-180

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 746  
US-10-671-395-181/c  
/ Sequence 181, Application US/10671395  
/ Publication No. US20040132063A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Glaxo, James K  
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
/ FILE REFERENCE: 1179/1/US  
/ CURRENT APPLICATION NUMBER: US/10/671,395  
/ CURRENT FILING DATE: 2003-09-25  
/ PRIOR APPLICATION NUMBER: 60/413,549  
/ PRIOR FILING DATE: 2002-09-25  
/ NUMBER OF SEQ ID NOS: 1809  
/ SOFTWARE: Patent version 3.2  
/ SEQ ID NO 181  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: artificial  
/ FEATURE:  
/ OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-181

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 747  
US-10-671-395-182/c  
/ Sequence 182, Application US/10671395  
/ Publication No. US20040132063A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Glaxo, James K  
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
/ FILE REFERENCE: 1179/1/US  
/ CURRENT APPLICATION NUMBER: US/10/671,395  
/ CURRENT FILING DATE: 2003-09-25  
/ PRIOR APPLICATION NUMBER: 60/413,549  
/ PRIOR FILING DATE: 2002-09-25  
/ NUMBER OF SEQ ID NOS: 1809  
/ SOFTWARE: Patent version 3.2  
/ SEQ ID NO 182  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: artificial  
/ FEATURE:  
/ OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-182

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 748  
US-10-671-395-183/c  
/ Sequence 183, Application US/10671395  
/ Publication No. US20040132063A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Glaxo, James K  
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
/ FILE REFERENCE: 1179/1/US  
/ CURRENT APPLICATION NUMBER: US/10/671,395  
/ CURRENT FILING DATE: 2003-09-25  
/ PRIOR APPLICATION NUMBER: 60/413,549  
/ PRIOR FILING DATE: 2002-09-25  
/ NUMBER OF SEQ ID NOS: 1809  
/ SOFTWARE: Patent version 3.2  
/ SEQ ID NO 183  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: artificial  
/ FEATURE:  
/ OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-183

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

```
RESULT 749
US-10-671-395-184/c
; Sequence 184, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 184
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-184

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAA 1

RESULT 750
US-10-671-395-185/c
; Sequence 185, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 185
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-185

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAA 1

RESULT 751
US-10-671-395-186/c
; Sequence 186, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
```

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; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-186

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAA 1

RESULT 752
US-10-671-395-187/c
; Sequence 187, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 187
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-187

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAA 1

RESULT 753
US-10-671-395-188/c
; Sequence 188, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
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; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 188
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-188

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 754
US-10-671-395-189/c
; Sequence 189, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAML PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 189
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-189

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 755
US-10-671-395-190/c
; Sequence 190, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAML PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 190
; LENGTH: 20
; TYPE: DNA

; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-190

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 756
US-10-671-395-191/c
; Sequence 191, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAML PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 191
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-191

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 757
US-10-671-395-192/c
; Sequence 192, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAML PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 192
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-192

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
```

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 758  
US-10-671-395-193/c  
; Sequence 193, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 193  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-193

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 759  
US-10-671-395-194/c  
; Sequence 194, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 194  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-194

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 760  
US-10-671-395-195/c  
; Sequence 195, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 195  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-195

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 761  
US-10-671-395-196/c  
; Sequence 196, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 196  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-196

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 762  
US-10-671-395-197/c  
; Sequence 197, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K

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/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 197
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-197

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 763
US-10-671-395-198/c
/ Sequence 198, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 198
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-198

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 764
US-10-671-395-199/c
/ Sequence 199, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Glaxo, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
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/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 199
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-199

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 765
US-10-671-395-200/c
/ Sequence 200, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Glaxo, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 200
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-200

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 766
US-10-671-395-201/c
/ Sequence 201, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Glaxo, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 201
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
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```
/ Sequence 206, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 206
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-206

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 772
US-10-671-395-207/c
/ Sequence 207, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 207
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-207

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 773
US-10-671-395-208/c
/ Sequence 208, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 208
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-208
```

```
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 208
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-208

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 774
US-10-671-395-262/c
/ Sequence 262, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 262
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-262

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAA 5412
DB      20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 775
US-10-671-395-274/c
/ Sequence 274, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 274
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-274
```

```
; SEQ ID NO 274
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-274
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

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QY 5393 AAAAAATACCAAAAAGAAA 5412
      ||||| | ||||| |||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

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RESULT 776
US-10-671-395-275/c
; Sequence 275, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-275
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACCAAAAAGAAA 5412
      ||||| | ||||| |||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 777
US-10-671-395-276/c
; Sequence 276, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 276
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-276
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACCAAAAAGAAA 5412
      ||||| | ||||| |||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 778
US-10-671-395-277/c
; Sequence 277, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 277
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-277
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACCAAAAAGAAA 5412
      ||||| | ||||| |||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

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RESULT 779
US-10-671-395-311/c
; Sequence 311, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-311
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACCAAAAAGAAA 5412
      ||||| | ||||| |||
```

Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 780  
US-10-671-395-338/c  
Sequence 338, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
PRIOR FILING DATE: 2003-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 338  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-338

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAGAAA 5412  
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 781  
US-10-671-395-376/c  
Sequence 376, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
PRIOR FILING DATE: 2003-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 376  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-376

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAGAAA 5412  
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 782  
US-10-671-395-403/c  
Sequence 403, Application US/10671395  
Publication No. US20040132063A1

GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
PRIOR FILING DATE: 2003-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 403  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-403

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAGAAA 5412  
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 783  
US-10-671-395-427/c  
Sequence 427, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
PRIOR FILING DATE: 2003-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 427  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-427

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAGAAA 5412  
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 784  
US-10-671-395-433/c  
Sequence 433, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395

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; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 433
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-433

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAATACAAAAAGAAA 5421
DB 20 CAAAAAAAAAAAAAAAAAAAAA 1

RESULT 785
US-10-671-395-444/C
; Sequence 444, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 444
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-444

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 786
US-10-671-395-487/C
; Sequence 487, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 487
; LENGTH: 20

; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-487

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 787
US-10-671-395-575/C
; Sequence 575, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 575
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-575

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 7.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 788
US-10-671-395-814
; Sequence 814, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 814
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-814

Query Match          0.3%; Score 15.2; DB 1; Length 20;
```

Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 313 CCTGTGGGCTCTCTCCCTCCC 332  
DB 1 CCTGTGGGCTCTCTCCCTCCC 20

## RESULT 789

US-10-671-395-1412/c  
Sequence 1412, Application US/10671395  
Publication No. US20040132063A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Glaxo, James K  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
FILE REFERENCE: 1179/1/US  
CURRENT APPLICATION NUMBER: US/10/671,395  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: 60/413,549  
PRIOR FILING DATE: 2002-09-25  
NUMBER OF SEQ ID NOS: 1809  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 1412  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1412

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1901 CCACAGCTCTGCGAAGCTTC 1920

DB 20 CCATGCTCTGCGAGATCTTC 1

## RESULT 790

US-10-666-909-54  
Sequence 54, Application US/10666909  
Publication No. US20040137623A1  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
APPLICANT: Kathleen Myers  
APPLICANT: Joshua Finger  
TITLE OF INVENTION: DELIVERY OF OLIGONUCLEOTIDE COMPOUNDS INTO OSTEOCLASTS AND MODULA  
FILE REFERENCE: 23546-07993/RTP-0313US.PI  
CURRENT APPLICATION NUMBER: US/10/666,909  
CURRENT FILING DATE: 2003-09-17  
PRIOR APPLICATION NUMBER: 10/111,868  
PRIOR FILING DATE: 2002-08-06  
PRIOR APPLICATION NUMBER: PCT/US00/29828  
PRIOR FILING DATE: 2000-10-30  
PRIOR APPLICATION NUMBER: 09/435,296  
PRIOR FILING DATE: 1999-11-05  
NUMBER OF SEQ ID NOS: 110  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 54  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense oligonucleotide  
US-10-666-909-54

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 905 GCACCCAGGCTCAGAGAGA 924

DB 1 GCACCCAGGCTCAGAGAGA 20

## RESULT 791

US-10-773-951-85  
Sequence 85, Application US/10773951  
Publication No. US20040157255A1  
GENERAL INFORMATION:  
APPLICANT: Agus, David  
APPLICANT: Shak, Steven  
APPLICANT: Cronin, Maureen  
APPLICANT: Baker, Joffe  
TITLE OF INVENTION: Gene Expression Markers for Response to  
FILE REFERENCE: 39740/0009  
CURRENT APPLICATION NUMBER: US/10/773,951  
CURRENT FILING DATE: 2004-02-06  
PRIOR APPLICATION NUMBER: 60/445,968  
PRIOR FILING DATE: 2003-02-06  
NUMBER OF SEQ ID NOS: 108  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 85  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: forward primer  
US-10-773-951-85

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 567 CCTGAAGAAGAGAGAGCTGA 586

DB 1 CCTGAACATGAAGAGAGCTGA 20

## RESULT 792

US-10-661-088-12  
Sequence 12, Application US/10661088  
Publication No. US20040162253A1  
GENERAL INFORMATION:  
APPLICANT: VAILLANT, ANDREW  
APPLICANT: JUTEAU, JEAN-MARC  
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV  
FILE REFERENCE: 029849/0206  
CURRENT APPLICATION NUMBER: US/10/661,088  
CURRENT FILING DATE: 2003-09-12  
PRIOR APPLICATION NUMBER: PCT/IB03/04573  
PRIOR FILING DATE: 2003-09-11  
PRIOR APPLICATION NUMBER: 60/430,934  
PRIOR FILING DATE: 2002-12-05  
PRIOR APPLICATION NUMBER: 60/410,264  
PRIOR FILING DATE: 2002-09-13  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn Ver. 3.2  
SEQ ID NO 12  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-661-088-12

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAA 5412  
|||||  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

## RESULT 793

US-10-661-088-15/c  
; Sequence 15, Application US/10661088  
; Publication No. US20040162253A1  
; GENERAL INFORMATION:  
; APPLICANT: VAILLANT, ANDREW  
; APPLICANT: JUTEAU, JEAN-MARC  
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV  
; FILE REFERENCE: 029849/0206  
; CURRENT APPLICATION NUMBER: US/10/661,088  
; CURRENT FILING DATE: 2003-09-12  
; PRIOR APPLICATION NUMBER: PCT/IB03/04573  
; PRIOR FILING DATE: 2003-09-11  
; PRIOR APPLICATION NUMBER: 60/430,934  
; PRIOR FILING DATE: 2002-12-05  
; PRIOR APPLICATION NUMBER: 60/410,264  
; PRIOR FILING DATE: 2002-09-13  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 15  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-661-088-15

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAA 5412  
|||||  
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

## RESULT 794

US-10-661-097-12  
; Sequence 12, Application US/10661097  
; Publication No. US20040162254A1  
; GENERAL INFORMATION:  
; APPLICANT: VAILLANT, ANDREW  
; APPLICANT: JUTEAU, JEAN-MARC  
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV  
; FILE REFERENCE: 029849/0204  
; CURRENT APPLICATION NUMBER: US/10/661,097  
; CURRENT FILING DATE: 2003-09-12  
; PRIOR APPLICATION NUMBER: PCT/IB03/04573  
; PRIOR FILING DATE: 2003-09-11  
; PRIOR APPLICATION NUMBER: 60/430,934  
; PRIOR FILING DATE: 2002-12-05  
; PRIOR APPLICATION NUMBER: 60/410,264  
; PRIOR FILING DATE: 2002-09-13  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 12  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-661-097-12

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAA 5412  
|||||  
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

## RESULT 795

US-10-661-097-15/c  
; Sequence 15, Application US/10661097  
; Publication No. US20040162254A1  
; GENERAL INFORMATION:  
; APPLICANT: VAILLANT, ANDREW  
; APPLICANT: JUTEAU, JEAN-MARC  
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV  
; FILE REFERENCE: 029849/0204  
; CURRENT APPLICATION NUMBER: US/10/661,097  
; CURRENT FILING DATE: 2003-09-12  
; PRIOR APPLICATION NUMBER: PCT/IB03/04573  
; PRIOR FILING DATE: 2003-09-11  
; PRIOR APPLICATION NUMBER: 60/430,934  
; PRIOR FILING DATE: 2002-12-05  
; PRIOR APPLICATION NUMBER: 60/410,264  
; PRIOR FILING DATE: 2002-09-13  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 15  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-661-097-15

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAA 5412  
|||||  
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

## RESULT 796

US-10-661-355-12  
; Sequence 12, Application US/10661355  
; Publication No. US20040170959A1  
; GENERAL INFORMATION:  
; APPLICANT: VAILLANT, ANDREW  
; APPLICANT: JUTEAU, JEAN-MARC  
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES  
; FILE REFERENCE: 029849/0208  
; CURRENT APPLICATION NUMBER: US/10/661,355  
; CURRENT FILING DATE: 2003-09-12  
; PRIOR APPLICATION NUMBER: PCT/IB03/04573  
; PRIOR FILING DATE: 2003-09-11  
; PRIOR APPLICATION NUMBER: 60/430,934  
; PRIOR FILING DATE: 2002-12-05  
; PRIOR APPLICATION NUMBER: 60/410,264  
; PRIOR FILING DATE: 2002-09-13  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 12  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-661-355-12

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5412  
|||||  
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

## RESULT 797

US-10-661-355-15/c  
; Sequence 15, Application US/10661355  
; Publication No. US20040170959A1  
; GENERAL INFORMATION:  
; APPLICANT: VAILLANT, ANDREW  
; APPLICANT: JUTEAU, JEAN-MARC  
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES  
; FILE REFERENCE: 029849/0208  
; CURRENT APPLICATION NUMBER: US/10/661,355  
; CURRENT FILING DATE: 2003-09-12  
; PRIOR APPLICATION NUMBER: PCT/IB03/04573  
; PRIOR FILING DATE: 2003-09-11  
; PRIOR APPLICATION NUMBER: 60/430,934  
; PRIOR FILING DATE: 2002-12-05  
; PRIOR APPLICATION NUMBER: 60/410,264  
; PRIOR FILING DATE: 2002-09-13  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 15  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-661-355-15

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

## RESULT 798

US-10-661-099-12  
; Sequence 12, Application US/10661099  
; Publication No. US20040171568A1  
; GENERAL INFORMATION:  
; APPLICANT: VAILLANT, ANDREW  
; APPLICANT: JUTEAU, JEAN-MARC  
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV  
; FILE REFERENCE: 029849/0203  
; CURRENT APPLICATION NUMBER: US/10/661,099  
; CURRENT FILING DATE: 2003-09-12  
; PRIOR APPLICATION NUMBER: PCT/IB03/04573  
; PRIOR FILING DATE: 2003-09-11  
; PRIOR APPLICATION NUMBER: 60/430,934  
; PRIOR FILING DATE: 2002-12-05  
; PRIOR APPLICATION NUMBER: 60/410,264  
; PRIOR FILING DATE: 2002-09-13  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 12  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-661-099-12

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5412  
|||||  
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

## RESULT 799

US-10-661-099-15/c  
; Sequence 15, Application US/10661099  
; Publication No. US20040171568A1  
; GENERAL INFORMATION:  
; APPLICANT: VAILLANT, ANDREW  
; APPLICANT: JUTEAU, JEAN-MARC  
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV  
; FILE REFERENCE: 029849/0203  
; CURRENT APPLICATION NUMBER: US/10/661,099  
; CURRENT FILING DATE: 2003-09-12  
; PRIOR APPLICATION NUMBER: PCT/IB03/04573  
; PRIOR FILING DATE: 2003-09-11  
; PRIOR APPLICATION NUMBER: 60/430,934  
; PRIOR FILING DATE: 2002-12-05  
; PRIOR APPLICATION NUMBER: 60/410,264  
; PRIOR FILING DATE: 2002-09-13  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 15  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-661-099-15

Query Match 0.3%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 7.2e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5412  
|||||  
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

## RESULT 800

US-09-853-386-148  
; Sequence 148, Application US/09853386  
; Patent No. US20020049151A1  
; GENERAL INFORMATION:  
; APPLICANT: Murphy, Evelyn  
; APPLICANT: Bresnahan, Barry  
; APPLICANT: Conneely, Orla  
; APPLICANT: Fitzgerald, Oliver  
; TITLE OF INVENTION: Therapeutic Approaches to Diseases by Suppression of the NTRF  
; FILE REFERENCE: P01972051  
; CURRENT APPLICATION NUMBER: US/09/853,386  
; CURRENT FILING DATE: 2001-05-11  
; PRIOR APPLICATION NUMBER: US 60/203645  
; PRIOR FILING DATE: 2000-05-12  
; NUMBER OF SEQ ID NOS: 153  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 148  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: HUMAN  
US-09-853-386-148

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy	326	CCCTCCCTGGCTTTCTTA	345
Db	2	CCCTGCCCTGCCCTTTTCTA	21

```

RESULT 801
US-09-862-847--9/c
; Sequence 9, Application US/09862847
; Patent No. US20020177230A1
; GENERAL INFORMATION:
; APPLICANT: Baric, Ralph S.
; APPLICANT: Boyd, Yount
; TITLE OF INVENTION: DIRECTION ASSEMBLY OF LARGE VIRAL GENOMES AND CHROMOSOMES
; FILE REFERENCE: 5470, 270
; CURRENT APPLICATION NUMBER: US/09/862,847
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: US 60/206,537
; PRIOR FILING DATE: 2000-05-21
; PRIOR APPLICATION NUMBER: US 60/285,320
; PRIOR FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer.
; US-09-862-847--9

```

Query Match	0.3%	Score 15.2	DB 1	Length 21
Best Local Similarity	85.0%	Pred. No. 7.4e+02		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

Oy      2771 AGCTCTTAGTGTGCACCTTC 2790
          |||||
Db      20  AGGTCCTAGTGTGCACATTC 1

```

```

RESULT 802
US-09-766-450-58
; Sequence 58, Application US/09766450
; Publication No. US20030022166A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Colin
; APPLICANT: Vollik, Stanislaw
; APPLICANT: Gray, Joe W.
; APPLICANT: Albertson, Donna G.
; APPLICANT: Pinkel, Daniel
; TITLE OF INVENTION: The Regents of the University of California
; TITLE OR INVENTION: Repeat-Free Probes for Molecular
; FILE REFERENCE: 023071-111800US
; CURRENT APPLICATION NUMBER: US/09/766,450
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ. ID NOS: 112
; SOFTWARE: PatsSeq for Windows Version 3.0
; SEQ ID NO 58
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer 733241.3.r1
US-09-766-450-58

```

Query Match	0.3%	Score 15.2;	DB 1;	Length 21;
Best Local Similarity	85.0%	Pred. No. 7.4e+02;		
Matches 17;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0

OY		2567	GGGAGAGAGATGCAGAAC	2586
Dδ		1	GGGAGAGAGAAAAGCAACC	20

RESULT 803  
US-09-997-672-41/c  
; Sequence 41, Application US/09997672  
; Publication No. US20030061632A1

OTHER INFORMATION: n = g, c, a or b  
US-09-997-672-41

```

QY      5393 AAAAAAAAAATACAAAAAAGAAA 5412
          ||||| | ||||| |||
Db      20 AAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 804
US-09-792-686A-7
Sequence 7, Application US/09792686A
Publication No. US20030066645A1
GENERAL INFORMATION:
APPLICANT: Goronzy, Jorg J.
APPLICANT: Kopecky, Stephen L.
APPLICANT: Weyand, Cornelia M.
TITLE OF INVENTION: METHODS FOR EVALUATING
TITLE OF INVENTION: CARDIOVASCULAR CONDITIONS
FILE REFERENCE: 07039-250001
CURRENT APPLICATION NUMBER: US/09/792,686A
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ. ID NOS: 37
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-792-686A-7

```

Query Match	0.3%	Score 15.2	DB 1	Length 21
Best Local Similarity	85.0%	Pred. No. 7.4e+02		
Matches 17; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      4010 CTGTGCACCTCTCCCTCACTTT 4023
          |||||
DB      1  CTGTGCACCTCTCCCTCACTT 20

```

RESULT 805  
US-09-754-809-4  
; Sequence 4, Application US/09754809



Publication No. US20030105307A1  
GENERAL INFORMATION:  
APPLICANT: SAMPSON, JACQUELYN S.  
APPLICANT: RUSSELL, HAROLD  
APPLICANT: THARPE, JEAN A.  
APPLICANT: ADES, EDWIN W.  
APPLICANT: CARLONE, GEORGE M.  
TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37 KDA SURFACE  
FILE REFERENCE: 64778 US  
CURRENT APPLICATION NUMBER: US/09/754,809  
CURRENT FILING DATE: 2001-01-03  
PRIOR APPLICATION NUMBER: US/09/221,753  
PRIOR FILING DATE: 1998-12-28  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 07/791,377  
PRIOR FILING DATE: EARLIER FILING DATE: 1991-09-17  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 07/816,286  
PRIOR FILING DATE: EARLIER FILING DATE: 1992-01-03  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/222,179  
PRIOR FILING DATE: EARLIER FILING DATE: 1994-04-04  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/715,131  
PRIOR FILING DATE: EARLIER FILING DATE: 1996-09-17  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FASTSEQ for Windows Version 3.0  
SEQ ID NO 4  
LENGTH: 21  
TYPE: DNA  
ORGANISM: UNKNOWN  
FEATURE:  
OTHER INFORMATION: PRIMER  
US-09-754-809-4

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
1463 TCAGAGACTTATTGGCCCA 1482  
DB 1 TCAGAGCTTATTGGCCAA 20

RESULT 806  
US-10-096-221-4  
Sequence 4, Application US/10096221  
Publication No. US2002016428A1  
GENERAL INFORMATION:  
APPLICANT: KURN, NURICH  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
FILE REFERENCE: 492692000700  
CURRENT APPLICATION NUMBER: US/10/096,221  
CURRENT FILING DATE: 2002-06-27  
PRIOR APPLICATION NUMBER: US 60/274,236  
PRIOR FILING DATE: 2001-03-09  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO 4  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
NAME/KEY: misc\_feature  
LOCATION: 1  
OTHER INFORMATION: n = A,T,C or G  
US-10-096-221-4

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
5393 AAAAAATCAAAAAAGAA 5412

DB 2 AAAAAAAAAAAAAAAAAAAAA 21

RESULT 807  
US-10-023-066A-25  
Sequence 25, Application US/10023066A  
Publication No. US20030056242A1  
GENERAL INFORMATION:  
APPLICANT: E. I. DU PONT DE NEMOURS AND  
COMPANY  
TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR  
INCREASING THE LYSINE AND  
THREONINE CONTENT OF THE SEEDS OF  
PLANTS  
NUMBER OF SEQUENCES: 107  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS  
AND COMPANY  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: U.S.A.  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: MICROSOFT WORD VERSION 2.0C  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/023,066A  
FILING DATE: 29-Apr-2002  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: BARBARA C. SIEGEL  
REGISTRATION NUMBER: 30,684  
REFERENCE/DOCKET NUMBER: BB-1037-C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-992-4931  
TELEFAX: 302-773-0164  
TELEX: 835420  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..21  
OTHER INFORMATION: /product= "synthetic  
oligonucleotide"  
/standard\_name= "SM  
82"  
SEQUENCE DESCRIPTION: SEQ ID NO: 25:  
US-10-023-066A-25

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
570 GAAGAAGAGAGCTGAAG 589  
DB 1 GATGAGAGAGAGCTGAAG 20

RESULT 808  
US-10-100-321-23  
Sequence 23, Application US/10100321  
Publication No. US20030087251A1  
GENERAL INFORMATION:  
APPLICANT: KURN, NURICH

```

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 49262000500
; CURRENT APPLICATION NUMBER: US/10/100,321
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-100-321-23
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAAAAACAAAAA 5412
          ||||| ||||| |||||
DB       2 AAAAAAAAAAAAAAAAAA 21
```

```

RESULT 809
US-10-005-956-785
; Sequence 785, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patentin version 3.0
; SEQ ID NO: 785
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-785
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4610 TCGTGAGCCAGAGACGTAC 4629
          ||||| ||||| |||||
DB       2 TCGTGAGACAGAAACAGTCC 21
```

```

RESULT 810
US-10-005-956-786
; Sequence 786, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
```

```

; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patentin version 3.0
; SEQ ID NO: 786
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-786
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4610 TCGTGAGCCAGAGACGTAC 4629
          ||||| ||||| |||||
DB       2 TCGTGAGACAGAAACAGTCC 21
```

```

RESULT 811
US-10-005-956-1026
; Sequence 1026, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patentin version 3.0
; SEQ ID NO: 1026
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-1026
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4610 TCGTGAGCCAGAGACGTAC 4629
          ||||| ||||| |||||
DB       2 TCGTGAGACAGAAACAGTCC 21
```

```

RESULT 812
US-10-184-085A-122
; Sequence 122, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
```

SEQ ID NO 122  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-184-085A-122

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 841 TCTCCAGCCACCACTTC 860  
DB 1 TCTCCAGCCCACTTAATC 20

RESULT 813  
US-10-184-085A-176/c  
Sequence 176, Application US/10184085A  
Publication No. US20030152950A1  
GENERAL INFORMATION:

APPLICANT: Garner, Harold R.  
APPLICANT: Minna, John D.  
APPLICANT: Luebke, Kevin, J.  
APPLICANT: Balog, Robert P.  
TITLE OF INVENTION: Identification of Chemically Modified Polymers  
FILE REFERENCE: 119929-1035  
CURRENT APPLICATION NUMBER: US/10/184,085A  
CURRENT FILING DATE: 2002-10-01  
PRIOR APPLICATION NUMBER: US 60/301,370  
PRIOR FILING DATE: 2001-06-27  
NUMBER OF SEQ ID NOS: 1291  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 176  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-184-085A-176

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2432 TGAGGATGAGAAGGAGG 2451  
DB 20 TGATGATGAGAGGGGAGG 1

RESULT 814  
US-10-455-109-4  
Sequence 4, Application US/10455109  
Publication No. US20030204074A1  
GENERAL INFORMATION:  
APPLICANT: SAMPSON, JACQUELYN S.  
APPLICANT: RUSSELL, HAROLD  
APPLICANT: THARPE, JEAN A.  
APPLICANT: ADES, EDWIN W.  
APPLICANT: CARLONE, GEORGE M.  
TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37 KDA SURFACE  
FILE REFERENCE: 64778 US  
CURRENT APPLICATION NUMBER: US/10/455,109  
CURRENT FILING DATE: 2003-06-04  
PRIOR APPLICATION NUMBER: US/09/221,753  
PRIOR FILING DATE: 1998-12-28  
PRIOR APPLICATION NUMBER: US 07/791,377  
PRIOR FILING DATE: 1991-09-17  
PRIOR APPLICATION NUMBER: US 07/816,286  
PRIOR FILING DATE: 1992-01-03  
PRIOR APPLICATION NUMBER: US 08/222,179  
PRIOR FILING DATE: 1994-04-04  
PRIOR APPLICATION NUMBER: US 08/715,131  
PRIOR FILING DATE: 1996-09-17  
NUMBER OF SEQ ID NOS: 4

SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 4  
LENGTH: 21  
TYPE: DNA  
ORGANISM: UNKNOWN  
FEATURE:  
OTHER INFORMATION: PRIMER  
US-10-455-109-4

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1463 TCAGAGCTTATTTGGCCCA 1482  
DB 1 TCAGAGCTTATTTGCCCA 20

RESULT 815  
US-10-418-182-122  
Sequence 122, Application US/10418182  
Publication No. US20030228302A1  
GENERAL INFORMATION:  
APPLICANT: Crea, Roberto  
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS  
FILE REFERENCE: 1551.2001-001  
CURRENT APPLICATION NUMBER: US/10/418,182  
CURRENT FILING DATE: 2003-04-16  
PRIOR APPLICATION NUMBER: 60/373,558  
PRIOR FILING DATE: 2002-04-17  
NUMBER OF SEQ ID NOS: 423  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 122  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide  
US-10-418-182-122

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5395 AAAAATCAAAAAGAAAA 5414  
DB 1 AAAAAGAAAAAGAAAAA 20

RESULT 816  
US-10-349-143-10092/c  
Sequence 10092, Application US/10349143  
Publication No. US20040005584A1  
GENERAL INFORMATION:  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Cohen, Daniel  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/10/349,143  
CURRENT FILING DATE: 2003-01-21  
PRIOR APPLICATION NUMBER: US/09/422,978  
PRIOR FILING DATE: 1999-10-20  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 10092  
LENGTH: 21  
TYPE: DNA

```

; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9424 for SEQ 2227, in compleme
US-10-349-143-10092
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2481 GGAAAAAGAGCTAGAGCAT 2500
Db      20  GGAAAAAGAGCTAGAGCAT 1
```

```

RESULT 817
US-10-410-031-188/C
; Sequence 188, Application US/10410031
; Publication No. US20040010817A1
; GENERAL INFORMATION:
; APPLICANT: Shockey, Jay M.
; APPLICANT: Schnurr, Judy
; APPLICANT: Browne, John A.
; TITLE OF INVENTION: Plant Acyl-CoA Synthetases
; FILE REFERENCE: DOM-07654
; CURRENT APPLICATION NUMBER: US/10/410,031
; CURRENT FILING DATE: 2003-04-09
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-410-031-188
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATTCAAAAAGAAA 5412
Db      20  AAAAAATTCAAAAAGAAA 1
```

```

RESULT 818
US-10-410-031-190/C
; Sequence 190, Application US/10410031
; Publication No. US20040010817A1
; GENERAL INFORMATION:
; APPLICANT: Shockey, Jay M.
; APPLICANT: Schnurr, Judy
; APPLICANT: Browne, John A.
; TITLE OF INVENTION: Plant Acyl-CoA Synthetases
; FILE REFERENCE: DOM-07654
; CURRENT APPLICATION NUMBER: US/10/410,031
; CURRENT FILING DATE: 2003-04-09
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 190
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-410-031-190
```

```

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATTCAAAAAGAAA 5412
Db      20  AAAAAATTCAAAAAGAAA 1
```

```

RESULT 819
US-10-236-392-523
; Sequence 523, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Caeman, Stacie J
; APPLICANT: Caterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Larochele, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles B
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Paturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark B
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 523
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
```

US-10-236-392-523

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 CCTGACACATCTGACGCCG 962

DB 2 CCTGGCACACCTGACGACG 21

RESULT 820

US-10-236-392-553

Sequence 553, Application US/10236392  
Publication No. US20040067490A1

GENERAL INFORMATION:

APPLICANT: Anderson, David W  
APPLICANT: Boldog, Ferenc L  
APPLICANT: Burgess, Catherine, B  
APPLICANT: Casman, Stacie J  
APPLICANT: Caterton, Elina  
APPLICANT: Chapoval, Andrei  
APPLICANT: Cradtsee, Julie  
APPLICANT: Edinger, Shlomit, R  
APPLICANT: Ellerman, Karen  
APPLICANT: Gerlach, Valerie  
APPLICANT: Gorman, Linda  
APPLICANT: Grosse, William M  
APPLICANT: Gusev, Vladimir  
APPLICANT: Kekuda, Ramesh  
APPLICANT: Larochele, William J  
APPLICANT: Li, Li  
APPLICANT: MacDougall, John R  
APPLICANT: Malysker, Uriel M  
APPLICANT: Miller, Charles E  
APPLICANT: Miller, Isabelle  
APPLICANT: Padigaru, Muralidhara  
APPLICANT: Paturajan, Meera  
APPLICANT: Pena, Carol A  
APPLICANT: Peyman, John A  
APPLICANT: Rastelli, Luca  
APPLICANT: Reiger, Daniel K  
APPLICANT: Rothenberg, Mark E  
APPLICANT: Shenoy, Suresh  
APPLICANT: Shinkete, Richard A  
APPLICANT: Smithson, Glenda  
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME  
FILE REFERENCE: 21402-442A  
CURRENT APPLICATION NUMBER: US/10/236,392  
CURRENT FILING DATE: 2002-09-06  
PRIOR APPLICATION NUMBER: US09/540,763  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: US60/390,155  
PRIOR FILING DATE: 2002-06-19  
PRIOR APPLICATION NUMBER: US09/635,949  
PRIOR FILING DATE: 2000-08-10  
PRIOR APPLICATION NUMBER: US60/318,765  
PRIOR FILING DATE: 2001-09-12  
PRIOR APPLICATION NUMBER: US60/357,303  
PRIOR FILING DATE: 2002-02-15  
PRIOR APPLICATION NUMBER: US60/367,753  
PRIOR FILING DATE: 2002-03-25  
PRIOR APPLICATION NUMBER: US60/369,479  
PRIOR FILING DATE: 2002-04-02  
PRIOR APPLICATION NUMBER: US09/659,634  
PRIOR FILING DATE: 2000-09-12  
PRIOR APPLICATION NUMBER: US60/318,120  
PRIOR FILING DATE: 2001-09-07  
PRIOR APPLICATION NUMBER: US60/318,130  
Remaining Prior Application data removed - See file wrapper or PAM.  
NUMBER OF SEQ ID NOS: 794  
SOFTWARE: Custom

SEQ ID NO 553

LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: probe  
US-10-236-392-553

Query Match 0.3%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 7.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 CCTGACACATCTGACGCCG 962

DB 2 CCTGGCACACCTGACGACG 21

RESULT 821

US-10-236-392-649

Sequence 649, Application US/10236392  
Publication No. US20040067490A1

GENERAL INFORMATION:

APPLICANT: Anderson, David W  
APPLICANT: Boldog, Ferenc L  
APPLICANT: Burgess, Catherine, B  
APPLICANT: Casman, Stacie J  
APPLICANT: Caterton, Elina  
APPLICANT: Chapoval, Andrei  
APPLICANT: Cradtsee, Julie  
APPLICANT: Edinger, Shlomit, R  
APPLICANT: Ellerman, Karen  
APPLICANT: Gerlach, Valerie  
APPLICANT: Gorman, Linda  
APPLICANT: Grosse, William M  
APPLICANT: Gusev, Vladimir  
APPLICANT: Kekuda, Ramesh  
APPLICANT: Larochele, William J  
APPLICANT: Li, Li  
APPLICANT: MacDougall, John R  
APPLICANT: Malysker, Uriel M  
APPLICANT: Miller, Charles E  
APPLICANT: Miller, Isabelle  
APPLICANT: Padigaru, Muralidhara  
APPLICANT: Paturajan, Meera  
APPLICANT: Pena, Carol A  
APPLICANT: Peyman, John A  
APPLICANT: Rastelli, Luca  
APPLICANT: Reiger, Daniel K  
APPLICANT: Rothenberg, Mark E  
APPLICANT: Shenoy, Suresh  
APPLICANT: Shinkete, Richard A  
APPLICANT: Smithson, Glenda  
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME  
FILE REFERENCE: 21402-442A  
CURRENT APPLICATION NUMBER: US/10/236,392  
CURRENT FILING DATE: 2002-09-06  
PRIOR APPLICATION NUMBER: US09/540,763  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: US60/390,155  
PRIOR FILING DATE: 2002-06-19  
PRIOR APPLICATION NUMBER: US09/635,949  
PRIOR FILING DATE: 2000-08-10  
PRIOR APPLICATION NUMBER: US60/318,765  
PRIOR FILING DATE: 2001-09-12  
PRIOR APPLICATION NUMBER: US60/357,303  
PRIOR FILING DATE: 2002-02-15  
PRIOR APPLICATION NUMBER: US60/367,753  
PRIOR FILING DATE: 2002-03-25  
PRIOR APPLICATION NUMBER: US60/369,479  
PRIOR FILING DATE: 2002-04-02  
PRIOR APPLICATION NUMBER: US09/659,634  
PRIOR FILING DATE: 2000-09-12  
PRIOR APPLICATION NUMBER: US60/318,120

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; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO: 649
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-649

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy          943 CCTGACACATCTGACGCCG 962
Db          2 CCTGGCACACCTGGACGACG 21

RESULT 822
US-10-236-392-673
; Sequence 673, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, B
; APPLICANT: Casman, Stacie J
; APPLICANT: Catterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Larocheille, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malysankar, Uriel M
; APPLICANT: Miller, Charles B
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patursajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Raestelli, Luca
; APPLICANT: Reiser, Daniel K
; APPLICANT: Rothenberg, Mark B
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
```

```

; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO: 673
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-673

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy          943 CCTGACACATCTGACGCCG 962
Db          2 CCTGGCACACCTGGACGACG 21

RESULT 823
US-10-236-392-685
; Sequence 685, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, B
; APPLICANT: Casman, Stacie J
; APPLICANT: Catterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Larocheille, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malysankar, Uriel M
; APPLICANT: Miller, Charles B
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patursajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Raestelli, Luca
; APPLICANT: Reiser, Daniel K
; APPLICANT: Rothenberg, Mark B
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
```

```
/ PRIOR FILING DATE: 2000-08-10
/ PRIOR APPLICATION NUMBER: US60/318,765
/ PRIOR FILING DATE: 2001-09-12
/ PRIOR APPLICATION NUMBER: US60/357,303
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US60/367,753
/ PRIOR FILING DATE: 2002-03-25
/ PRIOR APPLICATION NUMBER: US60/369,479
/ PRIOR FILING DATE: 2002-04-02
/ PRIOR APPLICATION NUMBER: US09/659,634
/ PRIOR FILING DATE: 2000-09-12
/ PRIOR APPLICATION NUMBER: US60/318,120
/ PRIOR FILING DATE: 2001-09-07
/ PRIOR APPLICATION NUMBER: US60/318,130
/ PRIOR FILING DATE: 2001-09-07
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 794
/ SOFTWARE: Custom
/ SEQ ID NO: 685
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-685

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      943 CCTGCACATCTGCAGCCG 962
DB      2 CCTGGCACACCTGCAGCAGC 21

RESULT 824
US-10-236-392-697
/ Sequence 697, Application US/10236392
/ Publication No. US20040067490A1
/ GENERAL INFORMATION:
/ APPLICANT: Anderson, David W
/ APPLICANT: Boldog, Ferenc L
/ APPLICANT: Burgess, Catherine, E
/ APPLICANT: Casman, Stacie J
/ APPLICANT: Caterton, Elina
/ APPLICANT: Chapoval, Andrei
/ APPLICANT: Crabtree, Julie
/ APPLICANT: Edinger, Shlomoit, R
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Gorman, Linda
/ APPLICANT: Grosse, William M
/ APPLICANT: Gusev, Vladimir
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: Larochele, William J
/ APPLICANT: Li, Li
/ APPLICANT: MacDougall, John R
/ APPLICANT: Malyankar, Uriel M
/ APPLICANT: Miller, Charles B
/ APPLICANT: Millet, Isabelle
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Patnirajan, Meera
/ APPLICANT: Pena, Carol A
/ APPLICANT: Peyman, John A
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Reiger, Daniel K
/ APPLICANT: Rothenberg, Mark E
/ APPLICANT: Shenoy, Suresh
/ APPLICANT: Shimkets, Richard A
/ APPLICANT: Smithson, Glenda
/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-442A
/ CURRENT APPLICATION NUMBER: US/10/236,392
```

```
/ CURRENT FILING DATE: 2002-09-06
/ PRIOR APPLICATION NUMBER: US09/540,763
/ PRIOR FILING DATE: 2000-03-30
/ PRIOR APPLICATION NUMBER: US60/390,155
/ PRIOR FILING DATE: 2002-06-19
/ PRIOR APPLICATION NUMBER: US09/635,949
/ PRIOR FILING DATE: 2000-08-10
/ PRIOR APPLICATION NUMBER: US60/318,765
/ PRIOR FILING DATE: 2001-09-12
/ PRIOR APPLICATION NUMBER: US60/357,303
/ PRIOR FILING DATE: 2002-02-15
/ PRIOR APPLICATION NUMBER: US60/367,753
/ PRIOR FILING DATE: 2002-03-25
/ PRIOR APPLICATION NUMBER: US60/369,479
/ PRIOR FILING DATE: 2002-04-02
/ PRIOR APPLICATION NUMBER: US09/659,634
/ PRIOR FILING DATE: 2000-09-12
/ PRIOR APPLICATION NUMBER: US60/318,120
/ PRIOR FILING DATE: 2001-09-07
/ PRIOR APPLICATION NUMBER: US60/318,130
/ PRIOR FILING DATE: 2001-09-07
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 794
/ SOFTWARE: Custom
/ SEQ ID NO: 697
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-697

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      943 CCTGCACATCTGCAGCCG 962
DB      2 CCTGGCACACCTGCAGCAGC 21

RESULT 825
US-10-236-392-724
/ Sequence 724, Application US/10236392
/ Publication No. US20040067490A1
/ GENERAL INFORMATION:
/ APPLICANT: Anderson, David W
/ APPLICANT: Boldog, Ferenc L
/ APPLICANT: Burgess, Catherine, E
/ APPLICANT: Casman, Stacie J
/ APPLICANT: Caterton, Elina
/ APPLICANT: Chapoval, Andrei
/ APPLICANT: Crabtree, Julie
/ APPLICANT: Edinger, Shlomoit, R
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Gorman, Linda
/ APPLICANT: Grosse, William M
/ APPLICANT: Gusev, Vladimir
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: Larochele, William J
/ APPLICANT: Li, Li
/ APPLICANT: MacDougall, John R
/ APPLICANT: Malyankar, Uriel M
/ APPLICANT: Miller, Charles B
/ APPLICANT: Millet, Isabelle
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Patnirajan, Meera
/ APPLICANT: Pena, Carol A
/ APPLICANT: Peyman, John A
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Reiger, Daniel K
/ APPLICANT: Rothenberg, Mark E
```

```

; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 724
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-724
```

```

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      943 CCTGACACATCTGACGCCG 962
Db      2 CCTGGACACCTCGACGAGC 21
```

```

RESULT 826
US-10-677-558-10
; Sequence 10, Application US/10677558
; Publication No. US20040096972A1
; GENERAL INFORMATION:
; APPLICANT: AUDIT, Muriel
; APPLICANT: COSEY, Francois-Loic
; TITLE OF INVENTION: CHIMERIC PLASMID COMPRISING A REPLICATIVE RETROVIRAL GENOME AND U
; FILE REFERENCE: 1759.135
; CURRENT APPLICATION NUMBER: US/10/677,558
; CURRENT FILING DATE: 2003-10-02
; PRIOR APPLICATION NUMBER: PCT/FR02/03934
; PRIOR FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: FR 0114976
; PRIOR FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligo 4
US-10-677-558-10
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 21;
```

```

Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      516 GACAGAGTGGCTGCGGAG 535
Db      1 GTCAGAGTGGCTGACTGAG 20
```

```

RESULT 827
US-10-786-720-791
; Sequence 791, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 2135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 791
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-791
```

```

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 40.0%; Pred. No. 7.4e+02;
Matches 8; Conservative 9; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      2333 TCTTGAAGATGGGTATTCCT 2352
Db      2 UCUGGCUAGUGGUAUUCUU 21
```

```

RESULT 828
US-10-786-720-794
; Sequence 794, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 2135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 794
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-794
```

```

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 40.0%; Pred. No. 7.4e+02;
Matches 8; Conservative 9; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      2333 TCTTGAAGATGGGTATTCCT 2352
Db      1 UCUGGCUAGUGGUAUUCUU 20
```

```

RESULT 829
US-10-786-720-2354
; Sequence 2354, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
```



```
/
/
/ APPLICANT: Wyeth
/ APPLICANT: O'Toole, Margot
/ APPLICANT: Liu, Wei
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/ FILE REFERENCE: 031896-023000 (AM101331L)
/ CURRENT APPLICATION NUMBER: US/10/786,720
/ CURRENT FILING DATE: 2004-02-26
/ NUMBER OF SEQ ID NOS: 21135
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 2354
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: RNAI-sense strand
US-10-786-720-2354

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 21;
Matches 8; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 2333 TCTTGAAGTGGTATCTT 2352
DB 1 UCUUCGAGAUUCCAGUUCU 20

RESULT 830
US-10-786-720-6683
/ Sequence 6683, Application US/10786720
/ Publication No. US2004019181A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: O'Toole, Margot
/ APPLICANT: Liu, Wei
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/ FILE REFERENCE: 031896-023000 (AM101331L)
/ CURRENT APPLICATION NUMBER: US/10/786,720
/ CURRENT FILING DATE: 2004-02-26
/ NUMBER OF SEQ ID NOS: 21135
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 6683
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: RNAI-sense strand
US-10-786-720-6683

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 21;
Matches 12; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 63 GTTCTGAAGCCCATTCCT 82
DB 2 GUCGAGAAAGCCUAVUCCU 21

RESULT 831
US-10-786-720-7055
/ Sequence 7055, Application US/10786720
/ Publication No. US2004019181A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: O'Toole, Margot
/ APPLICANT: Liu, Wei
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/ FILE REFERENCE: 031896-023000 (AM101331L)
/ CURRENT APPLICATION NUMBER: US/10/786,720
/ CURRENT FILING DATE: 2004-02-26
/ NUMBER OF SEQ ID NOS: 21135
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 7055
/ LENGTH: 21
/ TYPE: RNA
```

```
/ ORGANISM: RNAI-sense strand
US-10-786-720-7055

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 21;
Matches 10; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 5321 GCTGACGAGCTTCCAGTT 5340
DB 2 GUCUCCAGAUUCCAGU 21

RESULT 832
US-10-786-720-7160
/ Sequence 7160, Application US/10786720
/ Publication No. US2004019181A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: O'Toole, Margot
/ APPLICANT: Liu, Wei
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/ FILE REFERENCE: 031896-023000 (AM101331L)
/ CURRENT APPLICATION NUMBER: US/10/786,720
/ CURRENT FILING DATE: 2004-02-26
/ NUMBER OF SEQ ID NOS: 21135
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 7160
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: RNAI-sense strand
US-10-786-720-7160

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 21;
Matches 10; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 5321 GCTGACGAGCTTCCAGTT 5340
DB 2 GUCUCCAGAUUCCAGU 21

RESULT 833
US-10-786-720-9323
/ Sequence 9323, Application US/10786720
/ Publication No. US2004019181A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: O'Toole, Margot
/ APPLICANT: Liu, Wei
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
/ FILE REFERENCE: 031896-023000 (AM101331L)
/ CURRENT APPLICATION NUMBER: US/10/786,720
/ CURRENT FILING DATE: 2004-02-26
/ NUMBER OF SEQ ID NOS: 21135
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 9323
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: RNAI-sense strand
US-10-786-720-9323

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 21;
Matches 10; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 5321 GCTGACGAGCTTCCAGTT 5340
DB 2 GUCUCCAGAUUCCAGU 21

RESULT 834
```

```
US-10-786-720-9428
; Sequence 9428, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9428
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-9428

Query Match          0.3% Score 15.2; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 7.4e+02;
Matches 10; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Qy      5321 GCTAGCAGGCTTTCAGTT 5340
Db      2 GUCUCCAGGAAUUCACAGU 21
      |||:|||||::|||:|
      |||:|||||::|||:|

RESULT 835
US-10-786-720-12055
; Sequence 12055, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12055
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12055

Query Match          0.3% Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      571 AAGAAGAGGAGCTGAAGA 590
Db      2 AAGAAGAGGAGCCTGAAGA 21
      |||||
      |||||

RESULT 836
US-10-786-720-12057/c
; Sequence 12057, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
```

```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12057
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-12057

Query Match          0.3% Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      571 AAGAAGAGGAGCTGAAGA 590
Db      2 AAGAAGAGGAGCCTGAAGA 1
      |||||
      |||||

RESULT 837
US-10-786-720-12394
; Sequence 12394, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12394
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12394

Query Match          0.3% Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2810 ACGTGAAGAGCTTGACTG 2829
Db      2 ACGTGAAGAGCTTGCTG 21
      |||||
      |||||

RESULT 838
US-10-786-720-12396/c
; Sequence 12396, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12396
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-12396

Query Match          0.3% Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2810 ACGTGAAGAGCTTGACTG 2829
      |||||
      |||||
```

```
Db      20 ACCTGAGAGGCTTGCTG 1
RESULT 839
US-10-786-720-12979/c
; Sequence 12979, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 12979
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12979

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4141 CTGGAACCCGAGCTTCTC 4160
Db      20 CTGGAAGTCTCCAGCTTCTC 1

RESULT 840
US-10-786-720-13935/c
; Sequence 13935, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 13935
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13935

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3590 ATGTTGCTCAGGCTATCTC 3609
Db      20 ATGTTGCTCAGGCTGCTCTC 1

RESULT 841
US-10-786-720-19925/c
; Sequence 19925, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 19925
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-19925
```

```
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 19925
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-19925

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4783 AAAAGGAGCTCTGCACT 4802
Db      21 AAATGATGACTCTGCACT 2

RESULT 842
US-10-786-720-20448
; Sequence 20448, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 20448
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20448

Query Match      0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 7.4e+02;
Matches 12; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy      1296 TGTGAGAGAGCCTCTGTT 1315
Db      2  UGACGAGAGAGAGACUCUGU 21

RESULT 843
US-09-866-108-6765
; Sequence 6765, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU Yizhong
; APPLICANT: Yi, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ABOWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
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PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00667
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00664
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00669
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00665
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00668
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00663
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00662
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00661
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00670
PRIORITY FILING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: US 60/234,687
PRIORITY FILING DATE: 2000-09-21
PRIORITY APPLICATION NUMBER: US 60/266,860
PRIORITY FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecmeca Sequence Listing Engine
SEQ ID NO 6765
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6765

```

```

Query Match similarity      0.3%; Score 15; DB 1; Length 17;
Best Local similarity      100.0%; Pred. No. 7.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0
QY      3034 CTCTGGAGACCTTG 3048
      |||||
Db      3 CTCTGGAGACCTTG 17

RESULT 844
US-09-866-108-6766
; Sequence 6766, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shatron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenaheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMOA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

```

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? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00663
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00662
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00661
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00670
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: US 60/234,687
? PRIOR FILING DATE: 2000-09-21
? PRIOR APPLICATION NUMBER: US 60/266,860
? PRIOR FILING DATE: 2001-02-05
? NUMBER OF SEO ID NOS: 15752
? SOFTWARE: Aecomica Sequence Listing Engine
? SEO ID NO 6766
? LENGTH: 17
? TYPE: DNA
? ORGANISM: Homo sapiens
US-09-866-108-6766

```

```

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 15; Conservative 0; Mismatches 0; Gaps 0;

Oy      3034 CTCCTGGAGACCTG 3048
      |||||
Db      2 CTCCTGGAGACCTG 16

RESULT 845
US-09-866-108-6767
; Sequence 6767, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MCA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263. 6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00660
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687

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PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 6767  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-723-361-6767

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGAGCCCTG 3048  
DB 1 CTCCTGAGAGCCCTG 15

RESULT 846  
US-10-723-361-6765  
Sequence 6765, Application US/10723361  
Publication No. US20040137589A1  
GENERAL INFORMATION:

APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OR INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN  
FILE REFERENCE: PB0105  
CURRENT APPLICATION NUMBER: US/10/723,361  
CURRENT FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See file wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 6765  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-723-361-6765

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGAGCCCTG 3048  
DB 3 CTCCTGAGAGCCCTG 17

RESULT 847  
US-10-723-361-6766  
Sequence 6766, Application US/10723361  
Publication No. US20040137589A1  
GENERAL INFORMATION:

APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OR INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN  
FILE REFERENCE: PB0105  
CURRENT APPLICATION NUMBER: US/10/723,361  
CURRENT FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See file wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 6766  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-723-361-6766

Query Match 0.3%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGAGCCCTG 3048  
DB 2 CTCCTGAGAGCCCTG 16

RESULT 848  
US-10-723-361-6767  
Sequence 6767, Application US/10723361  
Publication No. US20040137589A1  
GENERAL INFORMATION:

APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OR INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN  
FILE REFERENCE: PB0105  
CURRENT APPLICATION NUMBER: US/10/723,361  
CURRENT FILING DATE: 2003-11-26  
PRIOR APPLICATION NUMBER: US 09/866,108  
PRIOR FILING DATE: 2001-05-25

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/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 6767
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-6767
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Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 3034 CTCCTGAGAGCCCTG 3048
Db 1 CTCCTGAGAGCCCTG 15
```

```
RESULT 849
US-09-878-582-17/c
/ Sequence 17, Application US/09878582
/ Patent No. US20020058638A1
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowseart
/ APPLICANT: Robert McKay
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
/ FILE REFERENCE: ISPH-0463
/ CURRENT APPLICATION NUMBER: US/09/878,582
/ PRIOR FILING DATE: 2001-06-11
/ PRIOR APPLICATION NUMBER: 09/577,902
/ PRIOR FILING DATE: 2000-05-24
/ PRIOR APPLICATION NUMBER: US 09/358,381
/ PRIOR FILING DATE: 1999-07-21
/ PRIOR APPLICATION NUMBER: PCT/US99/29594,
/ PRIOR FILING DATE: 1999-12-14
/ NUMBER OF SEQ ID NOS: 51
/ SEQ ID NO 17
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-878-582-17
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```
Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2240 CTCGTGCTGTGAGG 2254
Db 18 CTCGTGCTGTGAGG 4
```

RESULT 850

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US-10-388-263-840/c
/ Sequence 840, Application US/10388263
/ Publication No. US20030226597A1
/ GENERAL INFORMATION:
/ APPLICANT: Cowseart, Lex M.
/ APPLICANT: Baker, Brenda F.
/ APPLICANT: McNeil, John
/ APPLICANT: Freier, Susan M.
/ APPLICANT: Saamori, Henry G.
/ APPLICANT: Brooks, Douglas G.
/ APPLICANT: Ohashi, Cara
/ APPLICANT: Wyatt, Jacqueline R.
/ APPLICANT: Borchers, Alexander
/ APPLICANT: Vickers, Timothy A.
/ TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
/ TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
/ FILE REFERENCE: ISIS-4503
/ CURRENT APPLICATION NUMBER: US/10/388,263
/ PRIOR FILING DATE: 2003-03-12
/ NUMBER OF SEQ ID NOS: 947
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 840
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-840
```

```
Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 2240 CTCGTGCTGTGAGG 2254
Db 18 CTCGTGCTGTGAGG 4
```

```
RESULT 851
US-10-336-213B-17/c
/ Sequence 17, Application US/10336213B
/ Publication No. US20040002153A1
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowseart
/ APPLICANT: Robert McKay
/ APPLICANT: Tim Vickers
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
/ FILE REFERENCE: ISIS0004-100
/ CURRENT APPLICATION NUMBER: US/10/336,213B
/ CURRENT FILING DATE: 2003-01-03
/ PRIOR APPLICATION NUMBER: US 60/411,780
/ PRIOR FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: US 09/878,582
/ PRIOR FILING DATE: 2001-06-11
/ PRIOR APPLICATION NUMBER: US 09/577,902
/ PRIOR FILING DATE: 2000-05-24
/ PRIOR APPLICATION NUMBER: PCT/US99/29594
/ PRIOR FILING DATE: 1999-12-14
/ PRIOR APPLICATION NUMBER: US 09/358,381
/ PRIOR FILING DATE: 1999-07-21
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 17
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
US-10-336-213B-17
```

```
Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
```

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2240 CTCGTGCTGCTGAGG 2254

DB 18 CTCGTGCTGCTGAGG 4

RESULT 852  
US-10-664-639A-49/C

/ Sequence 49, Application US/10664639A  
/ Publication No. US20040137471A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Vickers, Timothy  
/ APPLICANT: Koo, Seongjoon  
/ APPLICANT: Bennett, C. Frank  
/ APPLICANT: Crooke, Stanley T.  
/ APPLICANT: Dean, Nicholas, M.  
/ APPLICANT: Baker, Brenda P.  
/ TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single- and  
/ TITLE OF INVENTION: Double-Stranded Oligomeric Compounds  
/ FILE REFERENCE: ISIS0001-100 (COR000270S)  
/ CURRENT APPLICATION NUMBER: US/10/664,639A  
/ PRIOR FILING DATE: 2003-09-18  
/ PRIOR APPLICATION NUMBER: US 60/411,780  
/ PRIOR FILING DATE: 2002-09-18  
/ NUMBER OF SEQ ID NOS: 121  
/ SOFTWARE: PatentIn version 3.2  
/ SEQ ID NO 49  
/ LENGTH: 18  
/ TYPE: DNA  
/ ORGANISM: artificial sequence  
/ FEATURE:  
/ OTHER INFORMATION: oligonucleotide  
/ NAME/KEY: misc\_feature  
/ LOCATION: (1)..(4)  
/ OTHER INFORMATION: 2'-O-methoxyethyl substituted bases  
/ NAME/KEY: misc\_feature  
/ LOCATION: (15)..(18)  
/ OTHER INFORMATION: 2'-O-methoxyethyl substituted bases  
US-10-664-639A-49

Query Match 0.3%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred.No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2240 CTCGTGCTGCTGAGG 2254

DB 18 CTCGTGCTGCTGAGG 4

RESULT 853  
US-10-349-143-7301/C  
/ Sequence 7301, Application US/10349143  
/ Publication No. US20040005584A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Cohen, Daniel  
/ APPLICANT: Blumenfeld, Marta  
/ APPLICANT: Chumakov, Ilya  
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
/ FILE REFERENCE: GENSET 020CP1  
/ CURRENT APPLICATION NUMBER: US/10/349,143  
/ PRIOR FILING DATE: 2003-01-21  
/ PRIOR APPLICATION NUMBER: US/09/442,978  
/ PRIOR FILING DATE: 1999-10-20  
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
/ NUMBER OF SEQ ID NOS: 11796

/ SEQ ID NO 7301

/ LENGTH: 19

/ TYPE: DNA

/ ORGANISM: Homo Sapiens

/ FEATURE:

/ NAME/KEY: primer\_bind

/ LOCATION: 1..19

/ OTHER INFORMATION: upstream amplification primer 99-3542 for SEQ 3367,

US-10-349-143-7301

Query Match 0.3%; Score 15; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred.No. 7.6e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1329 GAAATATGAGGATTT 1343

DB 15 GAAATATGAGGATTT 1

RESULT 854  
US-09-820-215-16/C

/ Sequence 16, Application US/09820215  
/ Patent No. US20020012931A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Waldman, Scott A.  
/ APPLICANT: Pava, Tracy  
/ APPLICANT: Desnoyers, Rodolphe  
/ TITLE OF INVENTION: High Specificity Marker Detection  
/ FILE REFERENCE: TUT02441  
/ CURRENT APPLICATION NUMBER: US/09/820,215  
/ PRIOR FILING DATE: 2001-03-27  
/ PRIOR APPLICATION NUMBER: 60/192,229  
/ PRIOR FILING DATE: 2000-03-27  
/ NUMBER OF SEQ ID NOS: 25  
/ SOFTWARE: PatentIn version 3.0  
/ SEQ ID NO 16  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ NAME/KEY: misc\_feature  
/ OTHER INFORMATION: No. US20020012931A1 Sequence  
US-09-820-215-16

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred.No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATGAGTGGGT 2633

DB 16 CCTGATGAGTGGGT 2

RESULT 855  
US-09-972-715-14  
/ Sequence 14, Application US/09972715  
/ Patent No. US20020110862A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Fousias, George  
/ APPLICANT: Diamandis, Eleftherios  
/ TITLE OF INVENTION: NOVEL, SIGLEC-LIKE GENE  
/ FILE REFERENCE: 1157.55USU1  
/ CURRENT APPLICATION NUMBER: US/09/972,715  
/ PRIOR FILING DATE: 2001-10-05  
/ PRIOR APPLICATION NUMBER: US 60/239,006  
/ PRIOR FILING DATE: 2000-10-06  
/ NUMBER OF SEQ ID NOS: 15  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 14  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: Homo sapiens  
US-09-972-715-14

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3348 CTGTGAGGGGCTCAG 3362

DB 6 CTGTGAGGGGCTCAG 20

## RESULT 856

US-09-263-981-8/c  
; Sequence 8, Application US/09263981  
; Patent No. US20020155437A1  
; GENERAL INFORMATION:  
; APPLICANT: Fisher, Paul B.  
; TITLE OF INVENTION: Use of Prostate Tumor Inducing Gene for Detection of  
; FILE REFERENCE: 51950-A-PCT-US/JML  
; CURRENT APPLICATION NUMBER: US/09/263,981  
; PRIOR FILING DATE: 1999-03-05  
; PRIOR APPLICATION NUMBER: PCT/US97/15645  
; PRIOR FILING DATE: 1997-09-05  
; PRIOR APPLICATION NUMBER: 08/708,208  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-263-981-8

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATGAGTGGGT 2633

DB 16 CCTGATGAGTGGGT 2

## RESULT 857

US-10-443-694-118/c  
; Sequence 118, Application US/10443694  
; Publication No. US20040001846A1  
; GENERAL INFORMATION:  
; APPLICANT: Israeli, Ron S.  
; APPLICANT: Heston, Warren D.W.  
; APPLICANT: Fair, William R.  
; APPLICANT: Overfelli, Quathek  
; APPLICANT: Pinto, John  
; TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF  
; FILE REFERENCE: 1769/41426-GB  
; CURRENT APPLICATION NUMBER: US/10/443,694  
; PRIOR FILING DATE: 2003-05-21  
; PRIOR APPLICATION NUMBER: US 08/705,477  
; PRIOR FILING DATE: 1996-08-29  
; NUMBER OF SEQ ID NOS: 128  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 118  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-443-694-118

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATGAGTGGGT 2633

DB 16 CCTGATGAGTGGGT 2

## RESULT 858

US-10-210-556-48/c  
; Sequence 48, Application US/10210556  
; Publication No. US20040023904A1  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Coweert  
; APPLICANT: Susan M. Freier  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION  
; FILE REFERENCE: PTS-0015  
; CURRENT APPLICATION NUMBER: US/10/210,556  
; PRIOR FILING DATE: 2002-07-31  
; NUMBER OF SEQ ID NOS: 227  
; SEQ ID NO 48  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-210-556-48

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 568 CTGAAGAAGAGAGAG 582

DB 20 CTGAAGAAGAGAGAG 6

## RESULT 859

US-10-210-556-171  
; Sequence 171, Application US/10210556  
; Publication No. US20040023904A1  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Coweert  
; APPLICANT: Susan M. Freier  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION  
; FILE REFERENCE: PTS-0015  
; CURRENT APPLICATION NUMBER: US/10/210,556  
; PRIOR FILING DATE: 2002-07-31  
; NUMBER OF SEQ ID NOS: 227  
; SEQ ID NO 171  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-210-556-171

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 568 CTGAAGAAGAGAGAG 582

DB 1 CTGAAGAAGAGAGAG 15

## RESULT 860

US-10-394-808-73/c  
; Sequence 73, Application US/10394808  
; Publication No. US20040185559A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Mark J. Graham  
; TITLE OF INVENTION: MODULATION OF DIACYLGLYCEROL ACYLTRANSFERASE 1 EXPRESSION  
; FILE REFERENCE: BIOL000305  
; CURRENT APPLICATION NUMBER: US/10/394,808



/ CURRENT FILING DATE: 2003-03-21  
/ NUMBER OF SEQ ID NOS: 152  
/ SEQ ID NO 73  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Antisense Oligonucleotide  
US-10-394-808-73

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 745 GAGCAGATGGGGCTG 759  
DB 18 GAGCAGATGGGGCTG 4

RESULT 861  
US-10-394-808-135  
/ Sequence 135, Application US/10394808  
/ Publication No. US20040185559A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Brett P. Monia  
/ APPLICANT: Mark J. Graham  
/ TITLE OF INVENTION: MODULATION OF DIACYLGLYCEROL ACYLTRANSFERASE 1 EXPRESSION  
/ FILE REFERENCE: BIO00003US  
/ CURRENT APPLICATION NUMBER: US/10/394,808  
/ CURRENT FILING DATE: 2003-03-21  
/ NUMBER OF SEQ ID NOS: 152  
/ SEQ ID NO 135  
/ LENGTH: 20  
/ TYPE: RNA  
/ ORGANISM: M. musculus  
/ FEATURE:  
US-10-394-808-135

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 86.7%; Pred. No. 7.7e+02;  
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 745 GAGCAGATGGGGCTG 759  
DB 3 GAGCAGATGGGGCTG 17

RESULT 862  
US-10-614-625-118/C  
/ Sequence 118, Application US/10614625  
/ Publication No. US20040198657A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Heston, Warren D.W.  
/ APPLICANT: Querfelii, Onathek  
/ APPLICANT: Plinio, John  
/ TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF  
/ FILE REFERENCE: 1769/41426-GC  
/ CURRENT APPLICATION NUMBER: US/10/614,625  
/ CURRENT FILING DATE: 2003-07-02  
/ PRIOR APPLICATION NUMBER: US 10/433,694  
/ PRIOR FILING DATE: 2003-05-21  
/ PRIOR APPLICATION NUMBER: US 08/705,477  
/ PRIOR FILING DATE: 1996-08-29  
/ PRIOR APPLICATION NUMBER: PCT/US96/02424  
/ PRIOR FILING DATE: 1996-02-23  
/ PRIOR APPLICATION NUMBER: US 08/466,381  
/ PRIOR FILING DATE: 1995-06-06  
/ PRIOR APPLICATION NUMBER: US 08/470,735  
/ PRIOR FILING DATE: 1995-06-06  
/ PRIOR APPLICATION NUMBER: US 08/394,152  
/ PRIOR FILING DATE: 1995-02-24  
/ NUMBER OF SEQ ID NOS: 128  
/ SOFTWARE: PatentIn version 3.1

/ SEQ ID NO 118  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: Homo sapiens  
US-10-614-625-118

Query Match 0.3%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 7.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATGCAGTGGGT 2633  
DB 16 CCTGATGCAGTGGGT 2

RESULT 863  
US-09-738-363-34  
/ Sequence 34, Application US/09738363  
/ Patent No. US20010010932A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Schnepf, Harry E.  
/ Schnepf, George E.  
/ Payne, Jewel M.  
/ Narva, Kenneth E.  
/ Foncerrada, Luis  
/ TITLE OF INVENTION: Nematocidal Proteins  
/ NUMBER OF SEQUENCES: 40  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSER: Jay M. Sanders  
/ STREET: 2421 N.W. 41st Street, Suite A-1  
/ CITY: Gainesville  
/ STATE: FL  
/ COUNTRY: USA  
/ ZIP: 32606  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: PatentIn Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/09/738,363  
/ FILING DATE: 15-Dec-2000  
/ CLASSIFICATION: <Unknown>  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 09/076,137  
/ FILING DATE: 12-MAY-1998  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Sanders, Jay  
/ REGISTRATION NUMBER: 39,355  
/ REFERENCE/DOCKET NUMBER: MA-20CCCD3  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: 352-375-8100  
/ TELEFAX: 352-372-5800  
/ INFORMATION FOR SEQ ID NO: 34:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 21 bases  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA (synthetic)  
/ SEQUENCE DESCRIPTION: SEQ ID NO: 34:  
US-09-738-363-34

Query Match 0.3%; Score 15; DB 1; Length 21;  
Best Local Similarity 71.4%; Pred. No. 7.9e+02;  
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGCAAGTTATTCAGAAAT 5291  
DB 1 AATGAAGTATATCCAGTAAAT 21

RESULT 864

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US-10-083-246A-165
; Sequence 165, Application US/10083246A
; Publication No. US20030152936A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE
; FILE OF INVENTION: DISEASE
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 165
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: Synthetic primer
US-10-083-246A-165

Query Match          0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2291  ACCTCAGGAGCATG 2305
DB      4      ACCTCAGGAGCATG 18

RESULT 865
US-10-084-839-3599
; Sequence 3599, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Halim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, Lukane
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eib, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: IP, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiackowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamlichev, Victor
; APPLICANT: Lyamlicheva, Natalie E.
; APPLICANT: Ma, Mupo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsatska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedyik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3599
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3599
```

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Query Match          0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2788  TTTCGATTAAATTC 2802
DB      5      TTTCGATTAAATTC 19

RESULT 866
US-10-388-263-884/C
; Sequence 884, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Saamori, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 884
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligomeric Compound
US-10-388-263-884

Query Match          0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2240  CTCGCTGCTGAGG 2254
DB      18  CTCGCTGCTGAGG 4

RESULT 867
US-10-336-213B-61/C
; Sequence 61, Application US/10336213B
; Publication No. US20040002153A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowert
; APPLICANT: Robert McKay
; APPLICANT: Tim Vickers
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISIS0004-100
; CURRENT APPLICATION NUMBER: US/10/336,213B
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/411,780
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: US 09/878,582
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: US 09/577,902
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US99/29594
; PRIOR FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
```

NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 61  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide  
US-10-336-213B-61

Query Match 0.3%; Score 15; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2240 CTCGCTGCTGAGG 2254  
|||||  
DB 18 CTCGCTGCTGAGG 4

## RESULT 868

US-10-633-023-34  
Sequence 34, Application US/10633023  
Publication No. US20040018982A1  
GENERAL INFORMATION:  
APPLICANT: Schepf, H. Ernest  
APPLICANT: Schwab, George  
APPLICANT: Payne, Jewel  
APPLICANT: Narva, Kenneth  
APPLICANT: Poncetrada, Luis  
TITLE OF INVENTION: Nematocidal Proteins  
FILE REFERENCE: MA-20CCCD4  
CURRENT APPLICATION NUMBER: US/10/633,023  
PRIOR FILING DATE: 2003-07-31  
PRIOR APPLICATION NUMBER: US 09/738,363  
PRIOR FILING DATE: 2000-12-15  
PRIOR APPLICATION NUMBER: US 09/076,137  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: US 08/316,301  
PRIOR FILING DATE: 1994-09-30  
PRIOR APPLICATION NUMBER: US 07/871,510  
PRIOR FILING DATE: 1992-04-23  
PRIOR APPLICATION NUMBER: US 07/830,050  
PRIOR FILING DATE: 1993-01-31  
PRIOR APPLICATION NUMBER: US 07/693,018  
PRIOR FILING DATE: 1991-05-03  
PRIOR APPLICATION NUMBER: US 07/675,772  
PRIOR FILING DATE: 1991-03-27  
PRIOR APPLICATION NUMBER: US 07/565,544  
PRIOR FILING DATE: 1990-08-10  
PRIOR APPLICATION NUMBER: US 07/557,246  
PRIOR FILING DATE: 1990-07-24  
PRIOR APPLICATION NUMBER: US 07/535,810  
PRIOR FILING DATE: 1990-06-11  
Remaining Prior Application data removed - See file wrapper or PALM.  
NUMBER OF SEQ ID NOS: 40  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 34  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide probe 33F2B.  
US-10-633-023-34

Query Match 0.3%; Score 15; DB 1; Length 21;  
Best Local Similarity 71.4%; Pred. No. 7.9e+02;  
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAAGTTATTCAGAAAT 5291  
|||||  
DB 1 AATGAAGTATATCCWGTAAAT 21

## RESULT 869

US-10-648-593-286  
Sequence 286, Application US/10648593  
Publication No. US20040106132A1  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT  
INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR  
FILE REFERENCE: D0273 NP  
CURRENT APPLICATION NUMBER: US/10/648,593  
PRIOR FILING DATE: 2003-08-26  
PRIOR APPLICATION NUMBER: 60/406,385  
PRIOR FILING DATE: 2002-08-27  
NUMBER OF SEQ ID NOS: 557  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 286  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-648-593-286

Query Match 0.3%; Score 15; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4836 CTTGAGTCTGAGCTT 4850  
|||||  
DB 1 CTTGAGTCTGAGCTT 15

## RESULT 870

US-09-067-638B-104/C  
Sequence 104, Application US/09067638B  
Patent No. US2002028923A1  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowbert  
APPLICANT: Brenda F. Baker  
APPLICANT: John McNeil  
APPLICANT: Susan M. Freier  
APPLICANT: Henri M. Sasmor  
APPLICANT: Douglas G. Brooks  
APPLICANT: Cara Ohashi  
APPLICANT: Jacqueline R. Wyatt  
APPLICANT: Alexander Borchers  
APPLICANT: Timothy A. Vickers  
TITLE OF INVENTION: Identification of Genetic  
Targets for Modulation By Oligonucleotides and  
TITLE OF INVENTION: Generation of Oligonucleotides for Gene  
NUMBER OF SEQUENCES: 112  
CORRESPONDENCE ADDRESS:  
ADDRESSES: WOODCOCK WASHBURN KURTZ  
ADDRESSES: MACKIEWICZ & NORRIS LLP  
STREET: 1 LIBERTY PLACE 46TH FLOOR  
CITY: PHILADELPHIA  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB  
COMPUTER: IBM  
OPERATING SYSTEM: PC-Windows NT  
SOFTWARE: WORD PERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/067,638B  
FILING DATE: 28-APR-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/081,483  
FILING DATE: 13-APR-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: John W. Caldwell  
REGISTRATION NUMBER: 28,937

```

; REFERENCE/DOCKET NUMBER: 1S1S-2960
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-067-638B-104

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3269 CTGTGCTTAGTGCAGCC 3286
Db      18  CTGTCTTTGTGCAGCC 1

RESULT 871
US-09-897-322-18
; Sequence 18, Application US/09897322
; Patent No. US20020102643A1
; GENERAL INFORMATION:
; APPLICANT: Valenzuela et al.
; TITLE OF INVENTION: DORSAL TISSUE AFFECTING FACTOR AND COMPOSITIONS
; FILE REFERENCE: REG132-B
; CURRENT APPLICATION NUMBER: US/09/897,322
; PRIOR FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: 09/167,874
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 08/485,721
; PRIOR FILING DATE: 1995-07-06
; PRIOR APPLICATION NUMBER: 08/392,935
; PRIOR FILING DATE: 1995-09-22
; PRIOR APPLICATION NUMBER: PCT/US93/08326
; PRIOR FILING DATE: 1993-09-02
; PRIOR APPLICATION NUMBER: 07/957,401
; PRIOR FILING DATE: 1992-10-06
; PRIOR APPLICATION NUMBER: 07/950,410
; PRIOR FILING DATE: 1992-09-23
; PRIOR APPLICATION NUMBER: 07/939,954
; PRIOR FILING DATE: 1992-09-03
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-897-322-18

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      748 CAGATGGGCTGAGCTCA 765
Db      1  CAGATGTGCTGTGTCTCA 18

RESULT 872
US-09-263-959-716/C
; Sequence 716, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Romen, Lee
; APPLICANT: Koop, Ben P.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
```

```

; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Masters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 716:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-716

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5396 AAATACAAAAGAAAA 5413
Db      18  AAAAGAAAAAAGAAAA 1

RESULT 873
US-09-766-450-53
; Sequence 53, Application US/09766450
; Publication No. US20030022166A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Colin
; APPLICANT: Volik, Stanislav
; APPLICANT: Gray, Joe W.
; APPLICANT: Alberson, Donna G.
; APPLICANT: Pinkel, Daniel
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Repeat-Free Probes for Molecular
; TITLE OF INVENTION: Cytogenetics
; FILE REFERENCE: 022071-11180US
; CURRENT APPLICATION NUMBER: US/09/766,450
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer 733241.1.fl
US-09-766-450-53

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      268 CAGAGCTCCCTATCAG 285
Db      1  CAGAGCTCCCTATCAG 285
```

DB 1 CCAGAGCCTGCTCTCAG 18

RESULT 874

US-10-077-383-27

/ Sequence 27, Application US/10077383

/ Publication No. US20030050444A1

/ GENERAL INFORMATION:

/ APPLICANT: Haydock, Paul V.

/ APPLICANT: U'Ren, Jack

/ TITLE OF INVENTION: Saigen Corporation

/ TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and

/ FILE REFERENCE: 018048-001710US

/ CURRENT APPLICATION NUMBER: US/10/077,383

/ PRIOR FILING DATE: 2002-02-15

/ PRIOR APPLICATION NUMBER: US 60/296,812

/ NUMBER OF SEQ ID NOS: 33

/ SOFTWARE: PatentIn Ver. 2.1

/ SEQ ID NO 27

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURES:

/ OTHER INFORMATION: Description of Artificial Sequence: spacer sequence

US-10-077-383-27

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 7.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGA 1198

DB 1 CGGAGAGAGAGAGAGAGA 18

RESULT 875

US-10-188-404-33/c

/ Sequence 33, Application US/10188404

/ Publication No. US20030105286A1

/ GENERAL INFORMATION:

/ APPLICANT: Escholz, Michael

/ APPLICANT: Nielsen, Peter

/ APPLICANT: Buchardt, Ole

/ APPLICANT: Dueholm, Kim L.

/ APPLICANT: Christensen, Lelf

/ APPLICANT: Coull, James M.

/ APPLICANT: Kleiy, John

/ APPLICANT: Griffith, Michael

/ TITLE OF INVENTION: Linked Peptide Nucleic Acids

/ FILE REFERENCE: ISIS5042

/ CURRENT APPLICATION NUMBER: US/10/188,404

/ CURRENT FILING DATE: 2002-07-01

/ PRIOR FILING DATE: 1994-07-15

/ PRIOR APPLICATION NUMBER: 08/765,798

/ PRIOR FILING DATE: 1997-04-23

/ NUMBER OF SEQ ID NOS: 69

/ SOFTWARE: PatentIn version 3.1

/ SEQ ID NO 33

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURES:

/ OTHER INFORMATION: Synthetic construct

/ NAME/KEY: misc. feature

/ LOCATION: (9)..(10)

/ OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,

/ OTHER INFORMATION: Amino Hexanoic Acid, Lysine linkage

US-10-188-404-33

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 7.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5396 AAAAAACAAAAAGAAA 5413

DB 18 AAAAAAGAAAAAGAAA 1

RESULT 876

US-10-116-325-104/c

/ Sequence 104, Application US/10116325

/ Publication No. US20030113739A1

/ GENERAL INFORMATION:

/ APPLICANT: Cowsett, Lex M.

/ APPLICANT: Baker, Brenda F.

/ APPLICANT: McNeil, John

/ APPLICANT: Freiler, Susan M.

/ APPLICANT: Sammor, Henri M.

/ APPLICANT: Brooks, Douglas G.

/ APPLICANT: Ohashi, Cara

/ APPLICANT: Wyatt, Jacqueline R.

/ APPLICANT: Borchers, Alexander

/ APPLICANT: Vickers, Timothy A.

/ TITLE OF INVENTION: Identification Of Genetic Targets For Modulation By Oligonucleotides

/ TITLE OF INVENTION: Identification Of Oligonucleotides For Gene Modulation

/ FILE REFERENCE: ISIS5026

/ CURRENT APPLICATION NUMBER: US/10/116,325

/ CURRENT FILING DATE: 2002-04-04

/ PRIOR APPLICATION NUMBER: 09/067,638

/ PRIOR FILING DATE: 1998-04-28

/ PRIOR APPLICATION NUMBER: 60/081,483

/ PRIOR FILING DATE: 1998-04-13

/ NUMBER OF SEQ ID NOS: 112

/ SOFTWARE: PatentIn version 3.1

/ SEQ ID NO 104

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURES:

/ OTHER INFORMATION: No. US20030113739A1 Sequence

US-10-116-325-104

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 7.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3269 CTGTGCTTAGTGCAGCC 3286

DB 18 CTGTCTTTGTGCAGCC 1

RESULT 877

US-10-323-268-18

/ Sequence 18, Application US/10323268

/ Publication No. US20030129703A1

/ GENERAL INFORMATION:

/ APPLICANT: Regeneron Pharmaceuticals, Inc.

/ TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition

/ FILE REFERENCE: REG 133-Z

/ CURRENT APPLICATION NUMBER: US/10/323,268

/ CURRENT FILING DATE: 2002-12-19

/ PRIOR APPLICATION NUMBER: US/09/500,253

/ PRIOR FILING DATE: 2000-02-08

/ NUMBER OF SEQ ID NOS: 27

/ SOFTWARE: PatentIn version 3.0

/ SEQ ID NO 18

/ LENGTH: 18

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURES:

/ OTHER INFORMATION: Primer

US-10-323-268-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 748 CAGATGGGGCTGAGGTCA 765  
| | | | | | | | | | | | | | | | | |  
Db 1 CAGATGGCTGTGTGTCA 18

RESULT 878

US-10-239-912-1  
; Sequence 1, Application US/10239912  
; Publication No. US20030212012A1  
; GENERAL INFORMATION:  
; APPLICANT: Henry, James L.  
; APPLICANT: Fundyus, Marian E.  
; APPLICANT: Vaudreuil, Terrasse  
; TITLE OF INVENTION: Oligonucleotide For Metabotropic Glutamate Receptor  
; FILE REFERENCE: 457-107PCT  
; CURRENT APPLICATION NUMBER: US/10/239,912  
; CURRENT FILING DATE: 2002-09-26  
; PRIOR APPLICATION NUMBER: 60/144,004  
; PRIOR FILING DATE: 1999-07-15  
; NUMBER OF SEQ ID NOS: 39  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-239-912-1

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2856 ATGAGCCCAACATGT 2873  
| | | | | | | | | | | | | | | | | |  
Db 1 AAGGAGCCGACCATGT 18

RESULT 879

US-10-239-912-31  
; Sequence 31, Application US/10239912  
; Publication No. US20030212012A1  
; GENERAL INFORMATION:  
; APPLICANT: Henry, James L.  
; APPLICANT: Fundyus, Marian E.  
; APPLICANT: Vaudreuil, Terrasse  
; TITLE OF INVENTION: Oligonucleotide For Metabotropic Glutamate Receptor  
; FILE REFERENCE: 457-107PCT  
; CURRENT APPLICATION NUMBER: US/10/239,912  
; CURRENT FILING DATE: 2002-09-26  
; PRIOR APPLICATION NUMBER: 60/144,004  
; PRIOR FILING DATE: 1999-07-15  
; NUMBER OF SEQ ID NOS: 39  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 31  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-239-912-31

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2859 GAGCCCAACATGT 2876  
| | | | | | | | | | | | | | | | | |  
Db 1 GAGCCCAACATGTGT 18

RESULT 880

US-10-388-263-104/c  
; Sequence 104, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowse, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freiler, Susan M.  
; APPLICANT: Sasmor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
; FILE REFERENCE: 1S1S-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 104  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-104

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3269 CTGTCTTAGTGCACGCC 3286  
| | | | | | | | | | | | | | | | | |  
Db 18 CTGTCTTAGTGCACGCC 1

RESULT 881

US-10-388-263-361  
; Sequence 361, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowse, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freiler, Susan M.  
; APPLICANT: Sasmor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
; FILE REFERENCE: 1S1S-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 361  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-361

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3312 GCAGAACCACTGGATGA 3329  
DB 1 GGAGAACCAACTGGATGA 18

RESULT 882

US-10-349-143-5445  
Sequence 5445, Application US/10349143  
Publication No. US20040005584A1  
GENERAL INFORMATION:

APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
TITLE OF INVENTION: Blallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/10/349,143  
PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978  
PRIOR FILING DATE: 1999-10-20  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 5445  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo Sapiens

FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-26002 for SEQ 1511,  
US-10-349-143-5445

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4406 AGAAGATGAGACTGCG 4423  
DB 1 AGACAGATCAGACTGCG 18

RESULT 883  
US-10-349-143-6099/c  
Sequence 6099, Application US/10349143  
Publication No. US20040005584A1  
GENERAL INFORMATION:

APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
TITLE OF INVENTION: Blallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/10/349,143  
PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978  
PRIOR FILING DATE: 1999-10-20  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 6099  
LENGTH: 18  
TYPE: DNA

ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..18  
OTHER INFORMATION: upstream amplification primer 99-8910 for SEQ 2165,  
US-10-349-143-6099

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 568 CTGAAGAGAGAGCTG 585  
DB 18 CTGAAGAGAGAGCTG 1

RESULT 884  
US-10-321-039-541/c  
Sequence 541, Application US/10321039  
Publication No. US20040014067A1  
GENERAL INFORMATION:

APPLICANT: Lyamichiev, Victor  
APPLICANT: Lukowiak, Andrew  
APPLICANT: Jarvis, Nancy

APPLICANT: Kurensky, David  
TITLE OF INVENTION: Amplification Methods and Compositions  
FILE REFERENCE: PORS-06960

CURRENT APPLICATION NUMBER: US/10/321,039  
CURRENT FILING DATE: 2002-12-17  
PRIOR APPLICATION NUMBER: 09/998,157

PRIOR FILING DATE: 2001-11-30  
PRIOR APPLICATION NUMBER: 60/329,113  
PRIOR FILING DATE: 2001-10-12

PRIOR FILING DATE: 2001-10-12  
PRIOR APPLICATION NUMBER: 60/360,489  
PRIOR FILING DATE: 2001-10-19

NUMBER OF SEQ ID NOS: 759  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 541  
LENGTH: 18  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-321-039-541

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGTGTCTGTGAGC 2659  
DB 18 TGCAGTGTCTGTGAGC 1

RESULT 885  
US-10-608-536-4  
Sequence 4, Application US/10608536  
Publication No. US20040049015A1  
GENERAL INFORMATION:

APPLICANT: TANABE, Tadaashi  
TITLE OF INVENTION: PROSTACYCLIN SYNTHASE DERIVED FROM HUMAN  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:

ADDRESSER: SUGHRUE, MION, ZINN, MACPEAK & SEAS  
STREET: 2100 Pennsylvania Avenue, N.W.  
CITY: Washington  
STATE: D.C.

COUNTRY: USA  
ZIP: 20037  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/608,536  
FILING DATE: 30-Jun-2003  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/578,709  
FILING DATE: 28-DEC-1995  
APPLICATION NUMBER: PCT/JP95/00838  
FILING DATE: 27-APR-1995  
APPLICATION NUMBER: JP 114316/1994  
FILING DATE: 28-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Gubinsky, Louis  
REGISTRATION NUMBER: 24,835  
REFERENCE/DOCKET NUMBER: Q40439  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)293-7060  
TELEFAX: (202)293-7860  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "PRIMER/SYNTHETIC DNA"  
US-10-608-536-4  
SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4457 TGCCTGCACACTCTCTGA 4474  
DB 1 TGCCTGCACACTCTCTCTGA 18

RESULT 886  
US-10-663-749-4  
Sequence 4, Application US/10663749  
Publication No. US20040092722A1  
GENERAL INFORMATION:  
APPLICANT: YOKOYAMA, CHIHIKO  
TITLE OF INVENTION: ANTIBODIES SPECIFIC TO HUMAN PROSTACYCLIN SYNTHASE  
FILE REFERENCE: Q76409  
CURRENT APPLICATION NUMBER: US/10/663,749  
CURRENT FILING DATE: 2003-09-17  
PRIOR APPLICATION NUMBER: 09/670,582  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: 09/037,758  
PRIOR FILING DATE: 1998-01-10  
PRIOR APPLICATION NUMBER: 08/578,706  
PRIOR FILING DATE: 1995-12-28  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 4  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-663-749-4

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4457 TGCCTGCACACTCTCTGA 4474  
DB 1 TGCCTGCACACTCTCTCTGA 18

RESULT 887  
US-10-735-345-5  
Sequence 5, Application US/10735345  
Publication No. US2004013261A1  
GENERAL INFORMATION:  
APPLICANT: Economides, Aris N.  
APPLICANT: Stahl, Neil  
APPLICANT: Valenzuela, David M.  
APPLICANT: Yancopoulos, George D.  
TITLE OF INVENTION: Therapeutic Method For Treating Bone  
FILE REFERENCE: REG 132B1-C  
CURRENT APPLICATION NUMBER: US/10/735,345  
CURRENT FILING DATE: 2003-12-12  
PRIOR APPLICATION NUMBER: 09/897,322  
PRIOR FILING DATE: 2001-07-02  
PRIOR APPLICATION NUMBER: 08/392,935  
PRIOR FILING DATE: 1995-03-03  
PRIOR APPLICATION NUMBER: PCT/US93/08326  
PRIOR FILING DATE: 1993-09-02  
PRIOR APPLICATION NUMBER: 09/957,401  
PRIOR FILING DATE: 1992-10-06  
PRIOR APPLICATION NUMBER: 07/950,410  
PRIOR FILING DATE: 1992-09-23  
PRIOR APPLICATION NUMBER: 07/939,954  
PRIOR FILING DATE: 1992-09-03  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 5  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide  
US-10-735-345-5

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGGCTGAGCTCA 765  
DB 1 CAGATGGCTGTGTGCTCA 18

RESULT 888  
US-10-360-854-11/c  
Sequence 11, Application US/10360854  
Publication No. US20040157220A1  
GENERAL INFORMATION:  
APPLICANT: Kurnool, Purnima  
APPLICANT: Wo, Betty  
APPLICANT: Banks, Peter  
TITLE OF INVENTION: Method and Apparatus for Sample Tracking  
FILE REFERENCE: 10255-020-999  
CURRENT APPLICATION NUMBER: US/10/360,854  
CURRENT FILING DATE: 2003-02-10  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 11  
LENGTH: 18  
TYPE: DNA  
ORGANISM: mammalian  
US-10-360-854-11

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 7.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGAGCTGCTGTGCTGAG 2658  
DB 1 CTGAGCTGCTGTGCTGAG 18



Db 18 CTGCTGCTGCTGCTGCTG 1

RESULT 889

US-10-830-475-104/C

/ Sequence 104, Application US/10830475

/ Publication No. US20040197814A1

/ GENERAL INFORMATION:

APPLICANT: Lex M. Cowsett

Brenda F. Baker

John McNeill

Susan M. Freiler

Henri M. Sasnor

Douglas G. Brookes

Cara Ohashi

Jacqueline R. Wyatt

Alexander Borchers

Timothy A. Vickers

TITLE OF INVENTION: Identification of Genetic Targets for Modulation By Oligonucleotides and Generation of Oligonucleotides for Gene Modulation

NUMBER OF SEQUENCES: 112

CORRESPONDENCE ADDRESS:

ADDRESSEE: WOODCOCK WASHBURN KURTZ

MACKIEWICZ & NORRIS LLP

STREET: 1 LIBERTY PLACE 46TH FLOOR

CITY: PHILADELPHIA

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB

COMPUTER: IBM

OPERATING SYSTEM: PC-Windows NT

SOFTWARE: WORD PERFECT 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/830,475

FILING DATE: 21-Apr-2004

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/067,638B

FILING DATE: 28-Apr-1998

APPLICATION NUMBER: 60/081,483

FILING DATE: 13-Apr-1998

ATTORNEY/AGENT INFORMATION:

NAME: John W. Caldwell

REGISTRATION NUMBER: 28,937

REFERENCE/DOCKET NUMBER: ISIS-2960

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 104:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 104:

US-10-830-475-104

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Beef Local Similarity 88.9%; Pred. No. 7.9e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3269 CTGTGCTTAGTGCAGCC 3286

|||||

Db 18 CTGTCTTTGTGCAGCC 1

RESULT 890

US-09-909-320-286

/ Sequence 286, Application US/09909320

Patent No. US20020132240A1

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Flvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerltsen, Mary E.

APPLICANT: Goddard, A.

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth, J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Mather, Jennie P.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas P.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/909,320

PRIOR FILING DATE: 2002-01-04

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143, 048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145, 698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146, 222

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR FILING DATE: 1999-09-08

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR FILING DATE: 1999-09-13

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/21547

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-10-05

PRIOR APPLICATION NUMBER: PCT/US99/28214

PRIOR FILING DATE: 1999-11-29

PRIOR APPLICATION NUMBER: PCT/US99/28313

PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30095

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US00/00219

NUMBER OF SEQ ID NOS: 423

SEQ ID NO 286

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide Probe

US-09-909-320-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 8.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGCACTTGCCTGATGC 2116

Db 2 CCTGCACTTGCCTGATGC 19

RESULT 891  
US-09-909-088B-286; Sequence 286, Application US/09909088B  
; Patent No. US20020146709A1

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Baton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.

; APPLICANT: Grimaldi, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: 10466-14

; CURRENT APPLICATION NUMBER: US/09/909,088B

; PRIOR FILING DATE: 2001-07-18

; PRIOR APPLICATION NUMBER: PCT/US00/04414

; PRIOR FILING DATE: 2000-02-22

; PRIOR APPLICATION NUMBER: US 60/143,048

; PRIOR FILING DATE: 1999-07-07

; PRIOR APPLICATION NUMBER: US 60/145,698

; PRIOR FILING DATE: 1999-07-26

; PRIOR APPLICATION NUMBER: US 60/146,222

; PRIOR FILING DATE: 1999-07-28

; PRIOR APPLICATION NUMBER: PCT/US99/20594

; PRIOR FILING DATE: 1999-09-08

; PRIOR APPLICATION NUMBER: PCT/US99/20944

; PRIOR FILING DATE: 1999-09-13

; PRIOR APPLICATION NUMBER: PCT/US99/21090

; PRIOR FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: PCT/US99/21547

; PRIOR FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: PCT/US99/23089

; PRIOR FILING DATE: 1999-10-05

; PRIOR APPLICATION NUMBER: PCT/US99/28214

; PRIOR FILING DATE: 1999-11-29

; PRIOR APPLICATION NUMBER: PCT/US99/28313

; PRIOR FILING DATE: 1999-11-30

; PRIOR APPLICATION NUMBER: PCT/US99/28564

; PRIOR FILING DATE: 1999-12-02

; PRIOR APPLICATION NUMBER: PCT/US99/28565

; PRIOR FILING DATE: 1999-12-02

; PRIOR APPLICATION NUMBER: PCT/US99/30095

; PRIOR FILING DATE: 1999-12-16

; PRIOR APPLICATION NUMBER: PCT/US99/30911

; PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: PCT/US99/30399

; PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: PCT/US00/00219

; PRIOR FILING DATE: 2000-01-05

; NUMBER OF SEQ ID NOS: 423

; SEQ ID NO 286

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; OTHER INFORMATION: Synthetic Oligonucleotide Probe

US-09-909-088B-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 8.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGCACTTGCCTGATGC 2116

Db 2 CCTGCACTTGCCTGATGC 19

RESULT 892  
US-09-905-291A-286; Sequence 286, Application US/09905291A  
; Patent No. US20020160374A1

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Baton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: 10466-14

; CURRENT APPLICATION NUMBER: US/09/905,291A

; PRIOR FILING DATE: 2001-07-12

; PRIOR APPLICATION NUMBER: PCT/US00/04414

; PRIOR FILING DATE: 2000-02-22

; PRIOR APPLICATION NUMBER: US 60/143,048

; PRIOR FILING DATE: 1999-07-07

; PRIOR APPLICATION NUMBER: US 60/145,698

; PRIOR FILING DATE: 1999-07-26

; PRIOR APPLICATION NUMBER: PCT/US99/20594

; PRIOR FILING DATE: 1999-07-28

; PRIOR APPLICATION NUMBER: PCT/US99/20594

; PRIOR FILING DATE: 1999-09-08

; PRIOR APPLICATION NUMBER: PCT/US99/20944

; PRIOR FILING DATE: 1999-09-13

; PRIOR APPLICATION NUMBER: PCT/US99/21090

; PRIOR FILING DATE: 1999-09-13

; PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 286  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-905-291A-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 8.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCAGTTCCTGATGC 2116  
DB 2 CCTGCAGTTCCTGATGC 19

RESULT 893  
US-09-853-286  
Sequence 286, Application US/09902853  
Publication No. US20020192659A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gertlsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumes, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/902,853

CURRENT FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: US/09/665,350  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: 1999-12-16  
PRIOR APPLICATION NUMBER: PCT/US99/30911  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US99/30999  
PRIOR FILING DATE: 1999-12-20  
PRIOR APPLICATION NUMBER: PCT/US00/00219  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 423  
SEQ ID NO 286  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-902-853-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 8.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCAGTTCCTGATGC 2116  
DB 2 CCTGCAGTTCCTGATGC 19

RESULT 894  
US-09-907-824-286  
Sequence 286, Application US/09907824  
Publication No. US20020197671A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gertlsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.

```

; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,824
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 286
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-824-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2099 CCTGCACTGCCTGATGC 2116
DB      2 CCTGCACTGCCTGATGC 19

RESULT 895
US-09-907-841-286
; Sequence 286, Application US/09907841
; Publication No. US20020198366A1
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; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deans, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,841
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 286
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-841-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2099 CCTGCACTGCCTGATGC 2116
DB      2 CCTGCACTGCCTGATGC 19

RESULT 896
US-09-904-011-286
; Sequence 286, Application US/09904011
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/ Publication No. US20030003530A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary B.
/ APPLICANT: Goddard, A.
/ APPLICANT: Grimaldi, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT FILING DATE: 2001-07-11
/ PRIOR APPLICATION NUMBER: US/09/904,011
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 286
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
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/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide Probe
/ US-09-904-011-286
/
/ Query Match 0.3%; Score 14.8; DB 1; Length 19;
/ Best Local Similarity 88.9%; Pred. No. 8.1e+02;
/ Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 2039 CCTGCACCTTCCCTGATGC 2116
/ DB 2 CCTGCACCTTCCCTGATGC 19
/
/ RESULT 897
/ US-09-904-968A-63/C
/ Sequence 63, Application US/09904968A
/ Publication No. US20030008288A1
/ GENERAL INFORMATION:
/ APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
/ APPLICANT: GERMINO, Gregory
/ APPLICANT: MATNICK, Terry
/ APPLICANT: PHARDEKITCHAORN, Bunyong
/ TITLE OF INVENTION: DETECTION AND TREATMENT OF POLYCYSTIC KIDNEY DISEASE
/ FILE REFERENCE: JH01680-2
/ CURRENT APPLICATION NUMBER: US/09/904,968A
/ CURRENT FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: US 60/283,691
/ PRIOR FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: US 60/218,261
/ PRIOR FILING DATE: 2000-07-13
/ NUMBER OF SEQ ID NOS: 113
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 63
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: PCR primer 13R
/ US-09-904-968A-63
/
/ Query Match 0.3%; Score 14.8; DB 1; Length 19;
/ Best Local Similarity 88.9%; Pred. No. 8.1e+02;
/ Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 3276 TTAGTCAGCCCGCAGCCT 3293
/ DB 19 TTAGTCAGCCCGCAGCCT 2
/
/ RESULT 898
/ US-09-903-640-286
/ Sequence 286, Application US/09903640
/ Publication No. US20030017463A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary B.
/ APPLICANT: Goddard, A.
/ APPLICANT: Grimaldi, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
```

; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William, I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: 10466-14  
; CURRENT APPLICATION NUMBER: US/09/903,640  
; PRIOR FILING DATE: 2001-07-11  
; PRIOR APPLICATION NUMBER: 09/665,350  
; PRIOR FILING DATE: 2000-09-18  
; NUMBER OF SEQ ID NOS: 423  
; SEQ ID NO 286  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-903-640-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 8.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGCAGTTGCTGTATGC 2116  
Db 2 CCTGCAGTTTCTGTATGC 19

RESULT 899  
US-09-908-093-286  
; Sequence 286, Application US/09908093  
; Publication No. US20030017498A1  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Botstein, David  
; APPLICANT: Denoyers, Luc  
; APPLICANT: Batton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William, I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: 10466-14  
; CURRENT APPLICATION NUMBER: US/09/908,093  
; PRIOR FILING DATE: 2001-07-17  
; PRIOR APPLICATION NUMBER: 09/665,350  
; PRIOR FILING DATE: 2000-09-18  
; PRIOR APPLICATION NUMBER: PCT/US00/04414  
; PRIOR FILING DATE: 2000-02-22  
; PRIOR APPLICATION NUMBER: US 60/143,048  
; PRIOR FILING DATE: 1999-07-07  
; PRIOR APPLICATION NUMBER: US 60/145,698

; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: US 60/146,222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: PCT/US99/20594  
; PRIOR FILING DATE: 1999-09-08  
; PRIOR APPLICATION NUMBER: PCT/US99/20344  
; PRIOR FILING DATE: 1999-09-13  
; PRIOR APPLICATION NUMBER: PCT/US99/21090  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/21547  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/23089  
; PRIOR FILING DATE: 1999-10-05  
; PRIOR APPLICATION NUMBER: PCT/US99/28214  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: PCT/US99/28313  
; PRIOR FILING DATE: 1999-11-30  
; PRIOR APPLICATION NUMBER: PCT/US99/28564  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/28565  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/30095  
; PRIOR FILING DATE: 1999-12-16  
; PRIOR APPLICATION NUMBER: PCT/US99/30911  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US99/30999  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US00/00219  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 423  
; SEQ ID NO 286  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-908-093-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 8.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGCAGTTGCTGTATGC 2116  
Db 2 CCTGCAGTTTCTGTATGC 19

RESULT 900  
US-09-906-742-286  
; Sequence 286, Application US/09906742  
; Publication No. US20030023054A1  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Botstein, David  
; APPLICANT: Denoyers, Luc  
; APPLICANT: Batton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann

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/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/906,742
/ PRIOR FILING DATE: 2001-07-15
/ PRIOR APPLICATION NUMBER: 09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/22089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 286
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide Probe
/ US-09-906-742-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      2099 CCTGCAGTTCCTGATGC 2116
Db      2 CCTGCAGTTCCTGATGC 19
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RESULT 901
US-09-906-838-286
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/ Sequence 286, Application US/09906838
/ Publication No. US20030027143A1
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/ GENERAL INFORMATION:
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/ APPLICANT: Genentech, Inc.
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/ APPLICANT: Ashkenazi, Avi
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/ APPLICANT: Botstein, David
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/ APPLICANT: Desnoyers, Luc
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/ APPLICANT: Baton, Dan L.
```

```
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerder, Hanspeter
/ APPLICANT: Gerritsen, Mary B.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoli, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/906,838
/ PRIOR FILING DATE: 2001-07-16
/ PRIOR APPLICATION NUMBER: 09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/22089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 286
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide Probe
/ US-09-906-838-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 286
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-942-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2099 CCTGCATTCCTGATGC 2116
Db      2 CCTGCATTCCTGATGC 19

RESULT 904
US-09-904-859-286
/ Sequence 286, Application US/09904859
/ Publication No. US20030036060A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertlisen, Mary B.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas P.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tunes, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William, I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: 10466-14
/ CURRENT APPLICATION NUMBER: US/09/904,859
/ PRIOR FILING DATE: 2001-07-12
/ PRIOR APPLICATION NUMBER: 09/665,350
/ PRIOR FILING DATE: 2000-09-18
/ PRIOR APPLICATION NUMBER: PCT/US00/04414
/ PRIOR FILING DATE: 2000-02-22
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/ PRIOR APPLICATION NUMBER: US 60/143,048
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: US 60/145,698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: US 60/146,222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: PCT/US99/20594
/ PRIOR FILING DATE: 1999-09-08
/ PRIOR APPLICATION NUMBER: PCT/US99/20944
/ PRIOR FILING DATE: 1999-09-13
/ PRIOR APPLICATION NUMBER: PCT/US99/21090
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/21547
/ PRIOR FILING DATE: 1999-09-15
/ PRIOR APPLICATION NUMBER: PCT/US99/23089
/ PRIOR FILING DATE: 1999-10-05
/ PRIOR APPLICATION NUMBER: PCT/US99/28214
/ PRIOR FILING DATE: 1999-11-29
/ PRIOR APPLICATION NUMBER: PCT/US99/28313
/ PRIOR FILING DATE: 1999-11-30
/ PRIOR APPLICATION NUMBER: PCT/US99/28564
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/28565
/ PRIOR FILING DATE: 1999-12-02
/ PRIOR APPLICATION NUMBER: PCT/US99/30095
/ PRIOR FILING DATE: 1999-12-16
/ PRIOR APPLICATION NUMBER: PCT/US99/30911
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US99/30999
/ PRIOR FILING DATE: 1999-12-20
/ PRIOR APPLICATION NUMBER: PCT/US00/00219
/ PRIOR FILING DATE: 2000-01-05
/ NUMBER OF SEQ ID NOS: 423
/ SEQ ID NO 286
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-859-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2099 CCTGCATTCCTGATGC 2116
Db      2 CCTGCATTCCTGATGC 19

RESULT 905
US-09-909-204-286
/ Sequence 286, Application US/09909204
/ Publication No. US20030036061A1
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertlisen, Mary B.
/ APPLICANT: Goddard, A.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth, J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Mather, Jennie P.
```

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; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,204
; PRIOR APPLICATION NUMBER: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 286
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
; US-09-909-204-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2099 CCTGCATTTGCTGATGC 2116
Db      2 CCTGCATTTGCTGATGC 19

RESULT 906
US-09-904-820-286
; Sequence 286, Application US/09904820
; Publication No. US20030036094A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
```

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; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kiljahn, Ivar J.
; APPLICANT: Kijavah, Ivar J.
; APPLICANT: Macher, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,820
; PRIOR APPLICATION NUMBER: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
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; PRIOR APPLICATION NUMBER: PCT/US99/23089
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; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 286
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
; US-09-904-820-286

Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 8.1e+02;
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGCAGTTGCTGATGC 2116  
Db 2 CCTGCAGTTGCTGATGC 19

RESULT 907  
US-09-904-786-286  
; Sequence 286, Application US/09904786  
; Publication No. US2003003969A1  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Ealon, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary B.  
; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William, I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: 10466-14  
; CURRENT APPLICATION NUMBER: US/09/904,786  
; CURRENT FILING DATE: 2001-07-12  
; PRIOR APPLICATION NUMBER: 09/665,350  
; PRIOR FILING DATE: 2000-09-18  
; NUMBER OF SEQ ID NOS: 423  
; SEQ ID NO 286  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-904-786-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 8.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGCAGTTGCTGATGC 2116  
Db 2 CCTGCAGTTGCTGATGC 19

RESULT 908  
US-09-906-646-286  
; Sequence 286, Application US/09906646  
; Publication No. US2003003971A1  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Ealon, Dan L.  
; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary B.  
; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William, I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: 10466-14  
; CURRENT APPLICATION NUMBER: US/09/906,646  
; CURRENT FILING DATE: 2002-01-22  
; PRIOR APPLICATION NUMBER: PCT/US00/04414  
; PRIOR FILING DATE: 2000-02-22  
; PRIOR APPLICATION NUMBER: US 60/143,048  
; PRIOR FILING DATE: 1999-07-07  
; PRIOR APPLICATION NUMBER: US 60/145,698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: US 60/146,222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: PCT/US99/20594  
; PRIOR FILING DATE: 1999-09-08  
; PRIOR APPLICATION NUMBER: PCT/US99/20944  
; PRIOR FILING DATE: 1999-09-13  
; PRIOR APPLICATION NUMBER: PCT/US99/21090  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/21547  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/23089  
; PRIOR FILING DATE: 1999-10-05  
; PRIOR APPLICATION NUMBER: PCT/US99/28214  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: PCT/US99/28313  
; PRIOR FILING DATE: 1999-11-30  
; PRIOR APPLICATION NUMBER: PCT/US99/28564  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/28565  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/30095  
; PRIOR FILING DATE: 1999-12-16  
; PRIOR APPLICATION NUMBER: PCT/US99/30911  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US99/30939  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US00/00219  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 423  
; SEQ ID NO 286  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-906-646-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 8.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGCAGTTGCTGATGC 2116  
Db 2 CCTGCAGTTGCTGATGC 19

Db 2 CCTGCAGTTCTGTATGC 19

RESULT 909

US-09-906-700-286

Sequence 286, Application US/09906700

Publication No. US20030039972A1

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, A.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth, J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Mather, Jennie P.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

Acids Encoding the Same

FILE REFERENCE: 10466-14

CURRENT FILING DATE: US/09/906,700

PRIOR FILING DATE: 2000-09-18

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR FILING DATE: 1999-09-08

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR FILING DATE: 1999-09-13

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/21547

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PRIOR APPLICATION NUMBER: PCT/US99/28214

PRIOR FILING DATE: 1999-11-29

PRIOR APPLICATION NUMBER: PCT/US99/28313

PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30095

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US00/00219

PRIOR FILING DATE: 2000-01-05

NUMBER OF SEQ ID NOS: 423

SEQ ID NO 286  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide Probe  
US-09-906-700-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 8.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2099 CCTGCAGTTCTGTATGC 2116

Db 2 CCTGCAGTTCTGTATGC 19

RESULT 910

US-09-903-786-286

Sequence 286, Application US/09903786

Publication No. US20030044793A1

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, A.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth, J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Mather, Jennie P.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

Acids Encoding the Same

FILE REFERENCE: 10466-14

CURRENT FILING DATE: US/09/903,786

PRIOR FILING DATE: 2001-07-11

PRIOR APPLICATION NUMBER: 09/665,350

PRIOR FILING DATE: 2000-09-18

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145,698

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PRIOR APPLICATION NUMBER: PCT/US99/20944

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PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/21547

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-10-05

PRIOR APPLICATION NUMBER: PCT/US99/28214